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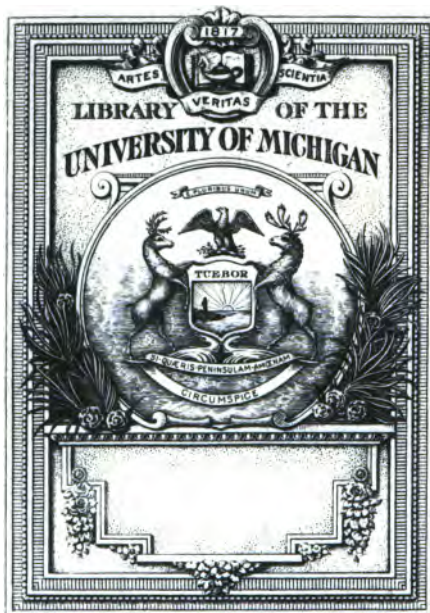
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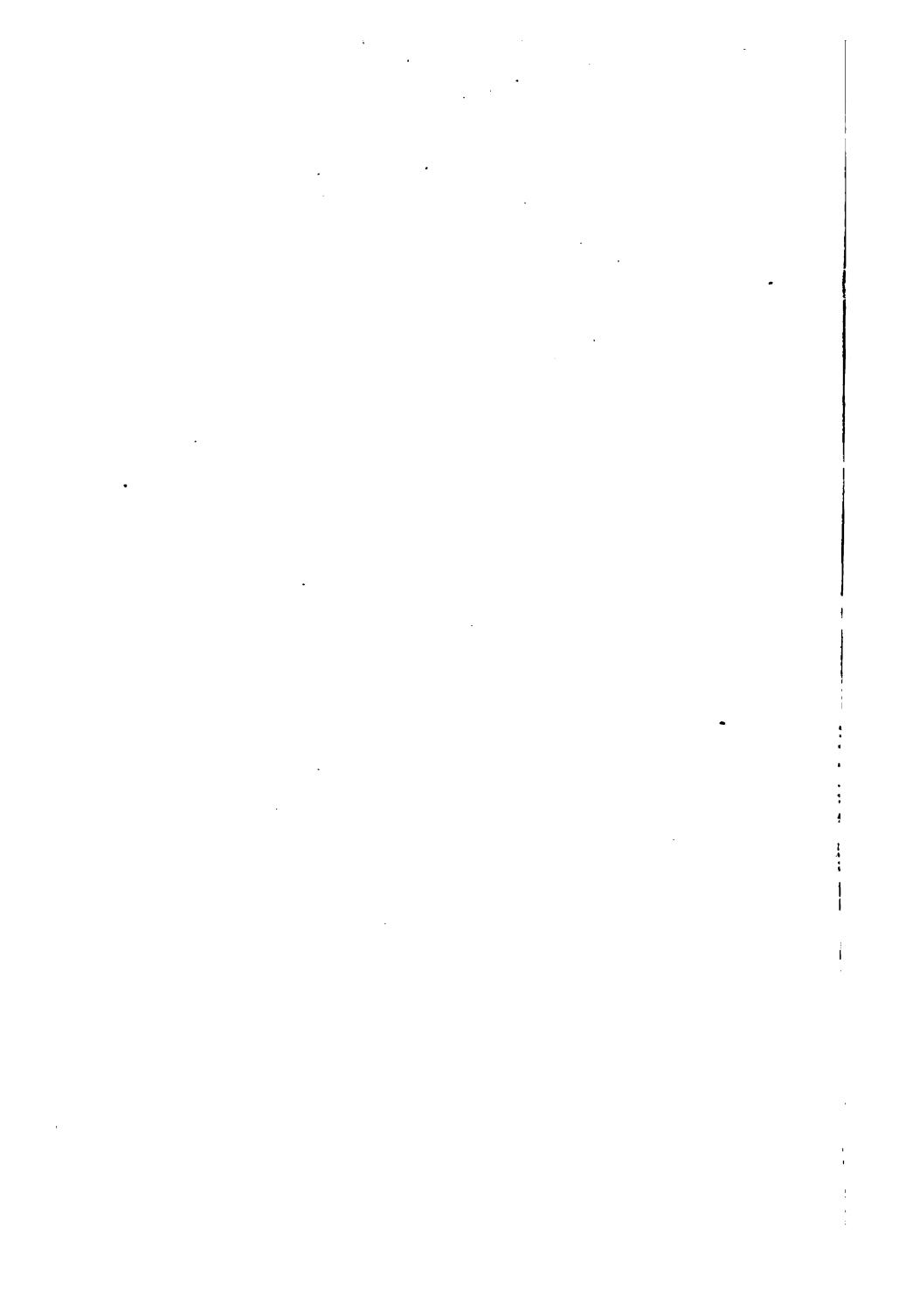
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OMERS, ETC., ETC.

OF THE

UNITED STATES AND CANADA.

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NOTICE.

As in former editions of the Directory, all names of persons with whom we have had direct communication, are followed by an asterisk (*). Those who replied to blanks sent for the former edition, but have not returned blanks more recently, have the asterisk omitted, while all other names are followed by an interrogation point (?), and will be omitted from the next edition unless we can hear from them in the meantime. Every effort has been made to elicit replies, and no less than three requests have been sent to parties when necessary.

Our friends are urgently requested to send at once, any corrections or additions which should be made in future editions.

The present edition makes a new departure, as, in addition to the usual Alphabetical arrangement, all the names have been given arranged Geographically by States, and by Subjects. In the latter it has been found advisable, in fact, compulsory, to omit some of the specialties where many departments were given to one name. Some names have ten or twelve specialties and to put such names under each subject would have occupied space out of proportion to the usefulness. The editor has endeavored to "edit" this part of the work as carefully as possible. In both the Subject and Geographical Arrangements, it has often been necessary to condense the address, and it is suggested that when directing mail matter to large cities, reference be had to the Alphabetical list, as the full address is always given there.

Thanks are extended to the many friends who have aided by contributing new names or corrections.

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ABBREVIATIONS.

Acad., Academy.	Dipt., Diptera.
Agric., Agriculture.	Dir., Director.
Ala., Alabama.	Dist., Distribution.
Am., American.	E. E., Electrical Engineer.
Anat., Anatomy.	Econ., Economic.
Analyt., Analytical.	Elect., Electricity.
Anth., Anthropology.	Emb., Embryology.
Antiq., Antiquities.	Ent., Entomology.
Arach., Arachnida.	Esp., Especially.
Arch., Archæology.	Eth., Ethnology.
Ariz., Arizona.	Ethnog., Ethnography.
Ark., Arkansas.	Ex., Exchange.
Ast., Astronomy.	Fla., Florida.
Asst., Assistant.	Ga., Georgia.
B. C., British Columbia.	Gen., General.
Biol., Biology.	Geog., Geographical.
Bot., Botany.	Geol., Geology.
Bryol., Bryology.	Held., Helderberg.
C., Collection.	Hemipt., Hemiptera.
Calif., California.	Herpetol., Herpetology.
Carab., Carabidæ.	Histol., Histology.
Carb., Carboniferous.	Hist., History.
Ceram., Cerambycidæ.	Hort., Horticulture.
Chem., Chemistry.	Hymenopt., Hymenoptera.
Cicind., Cicindelidæ.	Ia., Iowa.
Cin., Cincinnati.	Ichth., Ichthyology.
Colo., Colorado.	Ill., Illinois.
Coleopt., Coleoptera.	Ind., Indiana.
Coll., College.	Invert., Invertebrates.
Comp., Comparative.	Inorg., Inorganic.
Con., Conchology.	Inst., Institute.
Conn., or Ct., Connecticut.	Kan., Kansas.
Crypt., Cryptogamic.	Ky., Kentucky.
Crystall., Crystallography.	L., Lower.
Cur., Curator.	La., Louisiana.
Cust., Custodian.	L. & F. W., Land and Fresh Water.
Dak., Dakota.	Lepid., Lepidoptera.
D. C., District of Columbia.	Lithol., Lithology.
Del., Delaware.	M., Marine.
Dept., Department.	Mam., Mammalogy.
Devon., Devonian.	Man., Manitoba.

- Mass., Massachusetts.
 Math., Mathematics.
 Md., Maryland.
 Me., Maine.
 M. E., Mining Engineer.
 Med., Medical.
 Meteo., Meteorology.
 Metall., Metallurgy.
 Mic., Microscopy.
 Mich., Michigan.
 Min., Mineralogy.
 Minn., Minnesota.
 Miss., Mississippi.
 Mo., Missouri.
 Moll., Molluscs.
 Mont., Montana.
 Mus., Museum.
 Nat. Hist., Natural History.
 N. B., New Brunswick.
 N. C., North Carolina.
 N. D., North Dakota.
 Neb., Nebraska.
 Neuropt., Neuroptera.
 Nev., Nevada.
 N. H., New Hampshire.
 Niag., Niagara.
 N. J., New Jersey.
 N. M., New Mexico.
 N. Y., New York.
 O., Ohio.
 Obs., Observatory.
 Ont., Ontario.
 Ool., Oology.
 Ophthal., Ophthalmology.
 Ore., Oregon.
 Org., Organic.
 Orn., Ornithology.
 Orthopt., Orthoptera.
 Osteol., Osteology.
 Palæo., Palæontology.
 Pathol., Pathological.
 Penn., Pennsylvania.
 Phæn., Phænogams.
 Philol., Philology.
 Phil., Philosophy.
 Photog., Photography.
 Phys., Physics.
 Piscol., Piscology.
 P. Q., Province Quebec.
 Pres., President.
 Prof., Professor.
 R. I., Rhode Island.
 S. C., South Carolina.
 S. D., South Dakota.
 Sec., Secretary.
 Sci., Science.
 Sil., Silurian.
 So., Southern.
 Soc., Society.
 Spec., Species.
 Spec., Specimens or specialty.
 Strat., Stratigraphical.
 Surv., Survey.
 Syst., Systematic.
 Tax., Taxidermy.
 Tech., Technical, Technology.
 Tenn., Tennessee.
 Tex., Texas.
 U., Upper.
 Univ., University.
 Va., Virginia.
 Vasc., Vascular.
 Veg., Vegetable.
 Vert., Vertebrates.
 Vt., Vermont.
 Wis., Wisconsin.
 W. T., Wyoming Territory.
 W. Va., West Virginia.
 Wash., Washington.
 Zool., Zoology.

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UNITED STATES AND CANADA.

An asterisk (*) indicates that parties have been heard from since issue of last Directory. Names followed by a question mark (?) have not been heard from for three years and will be dropped from next edition.

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 1779 Ford, John, Acad. Nat. Sci., Philadelphia, Pa.?
 1780 Ford, R. W., Bristol, Ct. *Orn., C. Ex.**
 1781 Ford, C. P., Wayland, Clark Co., Mo. *Geol., Min., Crystall., Ool., Arch. C. Ex.*
 1782 Forbes, Antoinette, B.A., Yarmouth, N. S. *Bot: Phæn. and Crypt. Plants, Ferns, Mosses. C. Ex.**
 1783 Forrer, A., Santa Cruz, Calif. Collector of specimens of Nat. Hist. of West Coast of N. A. *Zool., Coll. of West Coast bought and sold. Correspondence solicited. C. Ex.**

- 1784 Forrester, Robert, F.G.S.E., Castle Gate, Emery Co., Utah.
*Palæo., Geol., Min., Lithol., Moll. C. Ex.**
- 1785 Forster, Edward J., M.D., 51 Massachusetts Ave., Boston, Mass. *Fungi (North American Agarics and Boleti only)*. Interested in North Am. Agaricini and Boleti, and desirous of literature relating thereto.*
- 1786 Forsythe, George, Westtown, Penn. *Bot., Orn., Tax. C.**
- 1787 Fortiner, Harry S., Camden, N. J. *Mic., Chem., Crystals.**
- 1788 Foshay, Dr. P. Max, M.S., M.D., F.G.S.A., 3 Park Avenue, Rochester, N. Y. *Geol., Min., Chem., Photog., Meteo., Anth., Arch., Ethnol.*
- 1789 Foster, Miss Agnes W., Brewster, Mass., Cape Cod. *Bot., Mic., Gen. Biol., Anat., Histol. C. Ex.**
- 1790 Foster, Ernest LeNeve, F.G.S., 2105 Lafayette St., Denver, Colo. *Geol., Min., Metall.**
- 1791 Foster, J. A., Box 223, Parker's Landing, Armstrong Co., Pa. *Geol., Min., Elect. C. Ex.**
- 1792 Foster, L. S., 35 Pine St., New York, N. Y. *Orn.**
- 1793 Foster, Richard, M. S., M. D., Prof. Nat. Hist., Howard Univ., Washington, D. C. *Bot., Mic., Zool., Ent. C. Ex.**
- 1794 Foulke, Miss S. Gwendolen, 1827 Pine St., Phila., Pa.?
- 1795 Foulkes, Albert E., Ogden, Utah.?
- 1796 Foulks, Louis E., M.D., Ph.G., New Egypt, Ocean Co., N. J. *Chem., Anat., Histol.**
- 1796^a Foulks, O. D., Stockton, Md. *Lepid. C. Ex.**
- 1797 Fowke, Gerard, Bureau of Eth., Washington, D. C. *Geol., Anth., Arch., Eth., Ethnol.*
- 1798 Fowler, Rev. James, M.A., Prof. Bot. and Geol., Queen's Coll., Kingston, Can. *Geol., Bot., Zool. C. Ex.**
- 1799 Fowler, John W., M.D., Dubuque, Iowa. *Geol., Orn., Ool., Tax. C. Ex.**
- 1800 Fox, Oscar C., U.S. Patent Office, Washington, D. C. *Diatoms, Physics, Elect., Mic., Ast.**
- 1801 Fox, Samuel L., 924 Chestnut St., Phila., Pa.?
- 1802 Fox, Wm. H., M.D., 1826 Jefferson Place, Washington, D. C. *Orn., Arach. C.**
- 1803 Fox, Wm. H., Justice of the Peace, Boyertown, Berks Co., Pa. *Arch., Eth. C.**
- 1804 Fox, Wm. J., Acad. Nat. Sci., Phila., Pa. *Hymenopt.**
- 1805 Foye, James C., A.M., Ph.D., Prof. Chem., Armour Inst., Chicago, Ill. *Chem.**
- 1806 Fraine, Thomas W., 18 Joslyn Park, Rochester, N. Y. *Mam., Ichth., Tax. C. Ex.**
- 1807 Francis, George E., M.D., 79 Elm St., Worcester, Mass.?
- 1809 Francis, Jno. M., Prof. Chem., Univ. of Alabama, Tuscaloosa, Ala.?
- 1810 Francisco, M. Judson, 23 Washington, St., Rutland, Vt., *Elect.*
- 1811 Frank, Eugene C., Artist, 7 Northampton St., Wilkes Barre, Pa. *Ent: Lepid., Colcopt., Orthopt. C. Ex.**

- 1812 Frankenberg, Prof. Otto, M.D., 310 E. Rich St., Columbus, Ohio. Prof. of Anat., Starling Med. Coll. Pres. State Mic Society of Ohio.
- 1813 Frawley, J. A., Stromsberg, Neb. *Herpetol., Geol., Arch.**
- 1814 Frazar, Geo. B., West Medford, Mass. *Min., Geol.* Educational Collections and School Cabinets a specialty. Minerals and rocks furnished by the hundred or thousand for school purposes.*
- 1816 Frazar, M. Abbott, Taxidermist and dealer in Naturalist's Supplies and Specimens., 93 Sudbury St., Boston, Mass.*
- 1817 Frazer, Persifor, A. M., Dr. és. Sci. Nat. (Univ. de France), Prof. Chem., Hort. Soc. Pa., Drexel Building, 5th and Chestnut Sts., Room 1042, Philadelphia, Pa. *Geol., Min., Lithol., Mic., Chem. C.**
- 1818 Frazier, B. W., Prof. of Min. and Metall., South Bethlehem, Pa. *Min., Crystall., Metall.**
- 1819 Frazier, J. V., M.D., Viola, Mercer Co., Ill. *Palæo., Geol.**
- 1820 Frear, Wm., Ph.D., Prof. of Agric. Chem., Vice Director and Chemist, Agric. Experiment Station; Chemist to Pa. State Board of Agriculture; Editor of "Agric. Sci.," State College, Centre Co., Pa. *Chem., Bibliog. C.**
- 1821 Freckelton, John W., 169 Munroe St., Brooklyn, N. Y. *Geol., Min. C. Ex.**
- 1822 Freeman, Daniel B., 4000 Drexel Boulevard, Chicago, Ill. *Min., Arch. C. Ex.**
- 1823 Freeman, H. C., Civil and Mining Engineer, Alto Pass, Union Co., Ill. *Geol., Metall., Mining. C.* Examines and reports on Mining property.
- 1824 French, Mrs. A. A., 24 Willow St., Meriden, Ct.?
- 1825 French, Alfred J., M.D., Lawrence, Mass.
- 1826 French, Eldon L., Electrical Engineer, Housatonic, Mass. *Elect.**
- 1827 French, Prof. G. H., Mus. of South Ill. Normal Univ., Carbondale, Ill. *Bot., Ent: Lepid. C. Ex.**
- 1828 French, Lynward, Sec. Soc. Nat. Hist., Fall River, Mass., 66 Prospect St.?
- 1829 French, S. H., M.D., 40 Church St., Amsterdam, N. Y. *Mic., Lepid. C.**
- 1830 French, Thomas, Jr., A.M., Ph.D., Prof. Physics, Univ. of Cincinnati, Ohio.
- 1831 Fretz, C. D., M.D., Sellersville, Bucks Co., Pa. *Bot., Mic., Algæ. C.**
- 1832 Frey, Fred, Taxidermist, 436 Decatur St., Sandusky, Ohio. *Palæo., Geol., Zool., Arch., Orn., Tax. C. Ex.**
- 1833 Friant, Geo. P., 102 Washington Ave., Scranton, Pa.?
- 1834 Frick, Jno. H., A.M., Prof. Nat. Sci., Central Wesleyan Coll., Warrenton, Mo. *Geol., Bot. C. Ex.**
- 1835 Friday, Frederick, Oak Station, Alleghany Co., Pa. *Lepid. C. Ex.**
- 1836 Friedburg, Prof. L. H., Ph.D. 334 Monroe St., Brooklyn, N. Y. *Chem., Physics.**

- 1837 Fries, George W., B.P., Friendship, N. Y.?
 1838 Fries, J. A., Asst. Chemist, Agr. Expt. Station, State Coll., Centre Co., Pa. *Org. and Inorg. Chem.**
 1839 Frisbie, Dr. J. F., Newton, Mass. *Geol., Arch.**
 1840 Frisby, Prof. Edgar, U. S. Naval Observ., Washington, D. C. *Ast.**
 1841 Fritts, Chas. E., Electrician, 42 Nassau St., New York City.?
 1842 Froehling, Dr. Henry, Analyt. Chem., 17 S. 12th St., Richmond, Va., and Warners, Onondaga Co., N. Y.
 1843 Frossard, Prof. Ed., 108 East 14th St., New York, N. Y. *Arch. C.**
 1844 Frost, Edwin B., Hanover, N. H. *Orn.**
 1845 Frost, William D., Asst. on Bot. Survey of Minn., 918 13th Ave., S.E., Minneapolis, Minn. *Bot., Lichens, Ent.: Thysanura. C. Ex.**
 1846 Frost, Mrs. W. D., Unadilla Forks, N. Y., via Utica. *Ferns. C. Ex.**
 1847 Fry, Howard J. 908 E. Genesee St., Syracuse, N. Y. *Mosses, Fungi, Arch., Algæ, Philately. C. Ex.**
 1848 Fry, T. M., 908 E. Genesee St., Syracuse, N. Y. *Bot., Moll. C. Ex.**
 1849 Fuchs, Chas., 212 Kearny St., San Francisco, Calif. *Coleopt. U. S. of America and Mexico. Ex.*
 1850 Fuelling, John L., Dept. of Agric., Washington, D. C. *Chem.*
 1851 Fuller, A. S., Ridgewood, N. J. *Nut Trees and Shrubs, Coleopt. C. Ex.**
 1852 Fuller, Mrs. C. E., Needham, Mass. *Bot., Ent., Orn.**
 1853 Fuller, Chas. G., M.D., F.R.M.S., 39 Central Music Hall, Chicago, Ill. *Bacteriol., Hist., Mic. C. Ex.**
 1854 Fuller, Charles H., Bloomfield, Essex Co., N. J. *Phæn. Bot. C. Ex.**
 1855 Fuller, Fred D., Great Falls, Montana. *Inorg. Chem., Metall., Mining.**
 1856 Fuller, F. Wesley, West Quincy, Mass. *Geol., Min., Photog., Tax. C. Ex. Granite spec. for ex.**
 1857 Fuller, Geo. M., M.D., 7 Mason St., Worcester, Mass. *Land Moll. C. Ex.**
 1858 Fuller, G. W., Mass. State Board of Health, Lawrence Expt. Station, Lawrence, Mass. *Bacteriol., Chem., Hygiene.**
 1859 Fuller, Homer T., Pres. and Prof. of Chem., Drury Coll., Springfield, Mass. *Strat. Geol., Min., Metall. C. Ex.**
 1860 Fuller, J. E., P. O. Box 481, Mansfield, Mass.?
 1861 Fuller, T. O., Needham, Norfolk Co., Mass. *Gen. Bot., Orn., Ool.**
 1863 Fulmer, Elton, M.A., P. O. Box 372, Lincoln, Nebraska. *Min., Crystall., Lithol., Inorg. Chem., Metall. C. Ex.*
 1864 Fultz, F. M., Burlington, Iowa. *Palæo., Invert., Orn., Glacial Geol. C. Ex.**
 1865 Furness, H. B., 20 Locust St., Walnut Hills, Cincinnati, Ohio.?

- 1866 Gabriel, R., Milford Center, Ohio. *Lenses and Astronomical Objectives*. Desires books and papers on Optics, Ast. and Mic.*
- 1867 Gaffield, Thomas, 54 Allen St., Boston, Mass. *Chem., Phys., Glass Making*.*
- 1868 Gage, Simon H., B.S., Associate Prof. of Phys., Cornell Univ., Ithaca, N. Y. *Morphol. and Physiol. of Vert., Mic., Emb., Anat., Histol.**
- 1869 Gage, Susanna P., Ph.B., Ithaca, N. Y. *Morphol., Emb., Neurol.**
- 1870 Gaines, J. T., Crescent Hill, Ky. *Palæo. C. Ex.**
- 1871 Gaines, Marshall R., Prin. Whitin Hall School, Santa Fe, New Mexico.?
- 1872 Gaines, Richard H., Chemist, Virginia Dept. of Agric., Richmond, Va. *Analyt. Chem.**
- 1873 Galen, James, Bethesda, Lancaster Co., Pa. *Bot., Geol., Min., Orn., Ool., Emb., Arch., Con., Philately, Numis., Chem.* Collects seeds, plants, etc. for Nurserymen and others. C. Ex.*
- 1874 Gallagher, William C., Ross, Lake Co., Ind. *Ent. C.**
- 1875 Gallagher, Frank M., Santa Barbara, Calif. *Bot., Hort., Geol., Meteo.**
- 1876 Galloway, B.T., U. S. Dept. of Agric., Washington, D. C. *Bot., Mycol., Veg. Pathology*.*
- 1877 Gane, Henry S., Johns Hopkins Univ., Baltimore, Md. *Palæo., Geol. C. Ex.**
- 1878 Gannaway, Chas. B., Chemist and Mineralogist, 520 Garrison Ave., Fort Smith, Arkansas. *Min., Crystall., Lithol., Chem., Metall., Mic., Photog. C. Min.**
- 1879 Ganong, Wm. F., Botanic Gar., Smith Coll., Northampton Mass. *Bot., Phæn., Gen. Biol.**
- 1880 Gardiner, James T., Mining Engineer, 21 Elk St., Albany, N. Y.
- 1881 Gardiner, Prof. John, B.Sc. (London), Boulder, Colo., Prof. Biol., State Univ. of Colo. *Zool., Emb., Invert. Histol. C.*
- 1883 Gardner, A. H., Fort Hamilton, N. Y. *Mic., Con., Shells of the U. S. A. C. Ex.**
- 1884 Gardner, Rev. Corliss B., 8 New York St., Rochester, N. Y. *Phys., Elect., Economics*.*
- 1885 Gardner, Edward G., Mass. Inst. Technol., 130 Mt. Vernon St., Boston, Mass.?
- 1886 Gardner, Frank P. 14 Grand St., Haverhill, Mass.?
- 1887 Gardner, A. H., Box 84, Fort Hamilton, N. Y. *Mollusca of N. A. C. Ex.**
- 1888 Gardner, Robert W., 210 E. 10th St., New York, N. Y.?
- 1889 Garman, H., Prof. Zool. and Ent., State Coll. of Ky., Lexington, Ky. *Biol., Emb., Anat., Ent. C.**
- 1890 Garman, Samuel, care Mus. Comp. Zool., Cambridge, Mass. *Herpetol., Ichth.*
- 1891 Garrels, Wm. Louis, 4525 Pine St., St. Louis, Mo. *Arch.*
- 1892 Garrett, C. H., 221 East Main St., Kalamazoo, Mich. *Min. C. Ex.* Postage Stamp Collector.*

- 1893 Garret, Harry, Taxidermist and Lapidist, 36 East Miner St., West Chester, Chester Co. Pa. *Min., Mic.* Will exchange Crystals and Cryst. Mins. for Mins. suitable to polish. C. Ex.*
- 1894 Garret, Philip C., Logan P. O., Phila., Pa.?
- 1895 Garratt, Allan V., Elect., Eng., Front and A. Sts., Portland, Oregon.?
- 1896 Garrett, A. O., A.B., 1425 Kentucky St., Lawrence, Kan. *Bot., Uredineæ.* C. Ex.*
- 1897 Garrison, J. B., M.D., 111 East 70th St., New York, N. Y.?
- 1898 Garver, M. M., Asst. Prof., Pa. State Coll., Dept. of Phys., State College, Centre Co., Pa. *Magnetism, Taxation.**
- 1899 Gascoyne, Dr. Wm. J., Analyt. and Consulting Chemist, 36 S. Holliday St., Baltimore, Md., *Geol., Min., Chem., Metall. Mic., Photog.* C. Ex.*
- 1900 Gaskin, Helena C., Normal Coll., 69th St. and 4th Ave., New York City.?
- 1901 Gastman, E. A., Supt. City Schools, Decatur, Ill. *Ent., Orn.* C. Ex. Can furnish live crayfish.*
- 1902 Gatschet, Albert S., Bureau of Eth., Washington, D. C. *Anth., Indian Linguist., Arch., Eth.**
- 1903 Gattinger, A., M.D., Nashville, Tenn. *Bot: Phæn. and Crypt. Plants, Phys., Geol., Anth.*
- 1904 Gaul, Charles F., Snediker Ave., near Belmont, Brooklyn, N. Y.?
- 1905 Gault, B. T., Glen Ellyn, Dupago Co., Ill. *Orn., Ool., Tax.**
- 1906 Gavet, Louis F., 277 Lafayette St., Salem, Mass. *Gen. Ent.* C. Ex.*
- 1907 Gavin, Fred P., Windsor, Ont., Canada. *Bot., Mic., Zool., Orn., Ent., Hymenopt., Lepid., Dipt. Coleopt., Hemipt., Orthopt., Neuropt., Arach., Myriop., Crustacea.* C. Ex.*
- 1908 Gavit, W. E., 14-20 Whitehall St., New York, N. Y. *Mic., Ichth., Ent.* C.*
- 1909 Geddes, Capt. Gamble, 162 Bernard Ave., Toronto, Can.?
- 1910 Gehret, George, 622 Mulberry St., Reading, Berks Co., Pa. Desires minerals from all parts of the world. *Min., Ool., Tax., Ent., Lepid.* C. Ex.
- 1911 Gehring, J. G., M. D., Bethel, Me. *Ent: Coleopt.* C.*
- 1912 Gehrman, Adolph, M. D., 235 State St., Chicago, Ill.?
- 1913 Geiger, H. R., Springfield, Ohio. *Geol., Chem.*
- 1914 Geisler, Joseph Frank, Ph.C., F.C.S., Analyt. and Consulting Chemist, Mercantile Exchange Bld'g. cor. Hudson and Harrison Sts., New York, N. Y. *Phæn. Bot., Lithol., Chem.**
- 1915 Genth, Prof. Fred A., Jr., 103 N. Front St., Philadelphia, Pa. *Chem., Min.* C. Ex.*
- 1916 Gentry, Thomas G., U. S. Grant Boy's Grammar School, N. E. corner 17th and Pine Sts.; Residence 2020 N. 18th St., Philadelphia, Pa. *Orn., Ool., Min.* C. Ex.*
- 1917 George, F. W., Williamstown, Iowa. *Inorg. Chem., Zool., Orn.**
- 1918 George, James N., 37 Pearl St., Boston, Mass. *Elect.**

- 1919 Georgeson, Chas. C., M. Sc., Prof. Agric., Kansas State Agric. Coll., Manhattan, Kansas.*
- 1920 Gerard, Chas. B., Anderson, Ind.?
- 1921 Gerend, Jacob N., 704 8th St., Sheboygan, Wis. *Orn.*, *Ool.*, *Geol.*, *Anth.*, *Arch.* C. Ex.*
- 1922 Gerend, John, Sheboygan, Wis. *Orn.*, *Ool.*, *Lepid.*, *Herpetol.* C.*
- 1923 Gerard, W. R., 62 Clinton Place, New York, N. Y. *Bot.*, *Philol.*, *Plant Names*.*
- 1925 Gerhard, Wm. J., 212 S. 12th St., Reading, Pa. *Orn.*, *Ool.*, *Lepid.* Will visit W. So. Am. in 1895, and would like orders for specialties. C. Ex.*
- 1926 Gerner, J. M. M., Muncy, Lycoming Co., Pa. *Arch.*, *Con.*, *Palæo.* C.*
- 1927 Gerrish, Frederic H., Prof. Anat., Bowdoin Coll., 675 Congress St., Portland, Me. *Anat.*
- 1928 Gerry, A. M., Taxidermist, 2 Odd Fellows' Block, So. Paris, Me. *Orn.*, *Ool.*, *Tax.*, *Ichth.*, *Mammals*. C. Ex.*
- 1929 Getchell, Ellen P., Newburyport, Mass. *Palæo.*, *Min.*, *Arch.*, *Eth.* C. Ex.*
- 1930 Giauque, Florian, Attorney, 4th and Walnut Sts., Cincinnati, Ohio. *Am. Arch.*.*
- 1931 Gibb, Frank W., M.E., C.E., Little Rock, Arkansas. *Min.*, *Inorg. Chem.*, *Metall.* C. Ex.
- 1932 Gibbes, Heneage, M.D., F.R.M.S. (Lond.) Prof. of Path., Univ. of Mich., Ann Arbor, Mich. *Bacteriol.*, *Pathol.*.*
- 1933 Gibbs, Edwin A., M.D., 1603 13th St., N.W., Washington, D. C. *Mic.*, *Biol.* C. Ex.*
- 1934 Gibbs, J. Willard, Ph.D., Prof. Math. Phys., Yale Univ., 121 High St., New Haven, Ct.*
- 1935 Gibbs, Morris, M. D., Kalamazoo, Mich. *Zool.*, *Mammals*, *Orn.*, *Ool.*, *Herpetol.*, *Osteol.*.*
- 1936 Gibbs, William, Helena, Montana. *Arch.*, *Orn.*, *Tax.*, *Elect.*, *Photog.* C. Ex.*
- 1937 Gibbs, Wolcott, Rumford Prof. Emeritus., Newport, R. I. *Chem.*.*
- 1938 Gibson, Charles D., Dover, Delaware.?
- 1939 Gibson, Howard B., Prof. Chem., Univ. State of Mo., Columbia, Mo. *Org. Chem.*.*
- 1940 Gifford, John C., Instructor in Bot., Swarthmore College, Pa. *Mycol.*
- 1941 Gifford, William E., 136 Liberty St., New York, N. Y. *Analyt. Chem.*
- 1942 Gihon, Albert L., A.M., M.D., Med. Dir. U.S. Navy, United Service Club, 16 West 31st St., New York, N.Y. *Gen. Biol.*, *Anth.*.*
- 1943 Gilbert, A. J., 576 34th St., Oakland, Calif. *Palæo.*, *Geol.*, *Min.*, *Lithol.* C. Ex.*
- 1944 Gilbert, Benj. D., Clayville, N. Y.?
- 1945 Gilbert, Charles H., Ph.D., Prof. of Zool., Leland Stanford Junior Univ., Palo Alto, Calif. *Vert.*, *esp. Ichthyol.* Ex. desired.*

- 1946 Gilbert, D. W., Univ. of California, Berkeley, Calif. *Con.*, *Min.* C. Ex.*
- 1947 Gilbert, E. C., 576 34th St., Oakland, Calif. *Nat. Hist.*, *Stamps*, *Coins*, *Specimens in general.* C. Ex.*
- 1948 Gilbert, Mrs. E. J. C., Univ. of California, Berkeley, Calif.?
- 1949 Gilbert, Frank N., 576 34th St., Oakland, Calif. *Orn.*, *Ool.*, *Stamps.* C. Ex.*
- 1950 Gilbert, Geo. H., Keene, N. H. *Min.*, *Spec. Marbles and Serpentine.* C. Ex.*
- 1951 Gilbert, G. K., U. S. Geol. Survey, Washington, D. C. *Geol.*, *Bibliog.**
- 1952 Gilbert, Harold, St. John, N.B., Can. *Orn.*?
- 1953 Gilbert, Louise R., 318 West 8th St., Plainfield, N. J. *Ent.*, *Lepid.* C. Ex.*
- 1954 Gilchrist, Maude, Instructor in Bot., Wellesley Coll., Wellesley, Mass. *Bot.* C. Ex.*
- 1955 Gilham, Kelsie M., 1122 Eighth St., Oakland, Calif. I have a collection of Indian Goods for sale. Prices given on application.*
- 1956 Gill, Augustus H., S.B., Ph.D., Asst. Prof. of Gas Analysis, Mass. Inst. Tech., Boston, Mass. *Org.*, *Inorg.* and *Ind. Chem.*, *Phys.*, *Elect.**
- 1957 Gill, Dr. H. Z., Pittsburg, Kansas. *Anat.**
- 1958 Gill, John K., 141, 23rd St., Portland, Oregon. *Eth.*, *Philol.*, *Aboriginal Am. Dialects*, *Geol.**
- 1959 Gill, Theo. N., M.D., Ph.D., Smithsonian Inst., Washington, D. C. *Gen. Zool.*, *Mam.*, *Ichth.*, *Con.* C.
- 1960 Gillett, Edw., (Southwick Nurseries), Southwick, Mass. *Bot.*, *Cultivation of wild flowers.* Collector of and dealer in N. A. wild flowers, rare lilies, etc. Collectors of Orchids will please quote prices. C.*
- 1961 Gillette, Clarence P., M.Sc., State Agr'l Coll., Fort Collins, Colo. *Ent.* Esp. desires *Cynipidæ.* C. Ex.*
- 1962 Gillin, Thos. S., C.E., Ambler, Montgomery Co., Pa. *Orn.*, *Ool.*, *Taz.* C. Ex.*
- 1963 Gilman, Daniel C., Pres. Johns Hopkins Univ., Baltimore, Md.*
- 1964 Gilman, Henry A., M.D., Supt. Iowa Hospital for Insane, Mt. Pleasant, Iowa. *Bot.*, *Geol.*, *Chem.*, *Physics*, *Anat.**
- 1965 Gilman, Philip K., 170 9th St., Oakland, Calif. *Orn.*, *Ool.* C. Ex.*
- 1966 Gilman, Wm. C., Newport, Orleans Co., Vt. *Geol.*, *Arch.*, *Palæo.*, *Min.*, *Nunis.* C.*
- 1967 Gilman, Winfield W., Stoughton, Wis. *Orn.*, *Ool.*, *Taz.* C. Ex.*
- 1968 Gilson, F. H., 548 Stanhope St., Boston, Mass. *Bot Photog.**
- 1969 Gilson, George F., Pleasanton, Alameda Co., Calif. *Arch.* C. Rare Books, Coins and Indian Relics.*
- 1970 Gilson, J. C., Prin. Normal School, Hamilton Hall, Oakland, Alameda Co., Calif. *Min.* C.

- 1971 Girling, Robt. N., 344 Prytania near Washington Ave., New Orleans, La. *Bot., Hort., Agric., Org. and Inorg. Chem., Mic., Photog., Min.* C.*
- 1972 Giroux, N. Julien, C.E., P.L.S., Geol. Survey, Ottawa, Ont., Can. *Strat. Geol.**
- 1973 Gisborne, Hartley, M.S.C.E., M.I.E.E. On' Appelle Station, Assiniboia Dist., N.W.T.; *Elect., Geol., Min., Bot., Forest trees of N. W. Can.**
- 1974 Gissler, Carl F., Ph.D., M.D., 23 Kossuth Place, near Himrod St., Brooklyn, N. Y. *Biol.**
- 1975 Gissler, Edwin F., 23 Kossuth Place, Brooklyn, N. Y. *Elect.**
- 1976 Glaser, Louis A., Swickley, Allegheny Co., Pa. *Ent: Specialty Lepid., Min., Ool., Lepid of western Pa. for exchange.* C.*
- 1977 Glasgow, Frank A., A.B., M.D., Prof. of Clinical Gynaecology, St. Louis Med. College, Med. Dept. of Wash. Univ., Gynaecologist to St. Louis Mullauphy Hospital, 3016 Glasgow Place, St. Louis, Mo. *Med. Surgery, Gynecic., Elect-med.**
- 1978 Glazebrook, Otis Allen, D.D., Elizabeth, N. J. *Phys., Geol., Arch., Histol.**
- 1979 Gleason, Chas. S., Box 433, Seattle, Washington. *Anth., Arch., Eth., Ethnog., Philol., Bibliog.* C. Ex.*
- 1980 Gleason, E. B., Elmira, N. Y. *Nat. Hist.**
- 1981 Gleason, Herbert, 51 Commercial St., Boston, Mass.?
- 1982 Gleason, Rev. H. W., Minneapolis, Minn. *Bot., Min., Orn.*
- 1983 Gluck, Lee. M.E., Asst. Geol. Survey Missouri, Jefferson City, Mo.?
- 1984 Gochenour, Wm., Forrester, Ogle Co., Ill.?
- 1985 Godar, John E., Lock box 212, Connersville, Ind. *Min., Numis., Con., Philately.**
- 1986 Godbe, Sam'l T., M.E., 1010 S. 9th East St., Salt Lake, Utah. *Phys. and Strat. Geol., Min., Crystall., Lithol., Chem., Metall.**
- 1987 Godbout, A. A., 318 Pr. Edward St., St. Rochs, Quebec, Can. *Orn., Ool. C. Ex.**
- 1988 Goddard, Chas. M.D., Harvard, Ill. *Photo-Microg.*?
- 1989 Godfrey, Chas. C., M.D., Pres. of the Bridgeport Scientific Soc., 254 State St., Bridgeport, Fairfield Co., Ct.*
- 1990 Goding, Frederic W., M.D., Ph.D., Rutland, Ill. *Econ. Ent., Membracidae, Crecopidae.*
- 1991 Goessmann, C. A., Ph.D., LL.D., Dir. Mass. Agric. Expr. Station, and Prof. Chem., Mass. Agric. Coll., Amherst, Mass.*
- 1992 Goetz, Rev. Geo., Canton, O. *Mic., Anth., Eth.* C*
- 1993 Goff, Emmett S., Agric. Expr. Station, Univ. of Wisconsin, Madison, Wis. *Hort., Ent.**
- 1994 Gold, T. S., Sec. Conn. Board of Agric., West Cornwall, Ct. *Bot., Hort., Min.* C.*
- 1995 Goldschmidt, S. A., A.M., E.M., Ph.D., Columbia Chemical Works, 43-51 Sedgewick St., Brooklyn, N. Y. *Chem., Photog.**

- 1996 Goldthorpe, Geo. J., Mineral Point, Wis. *Photog.*
 1997 Goldthwaite, Wm. M., 79 Nassau St., New York, N. Y.
Min., Geog. Dist., Anth. C.
 1998 Goltermann, Chas. E., 7019 Mich. Ave., St. Louis, Mo. *Bot:*
Diatoms, Mic. C. Ex.*
 1999 Gooch, F. A., Ph.D., Prof. Yale Univ., New Haven, Ct. ?
 2000 Goodale, Mrs. Annie M., St. Joseph, Missouri. *Coleopt.* C.
 Ex.*
 2001 Goodale, Charles W., B.S., (Mass. Inst. Tech., class '75),
 Butte, Mont. *Min., Chem., Metall.**
 2002 Goodale, Prof. George L., Cambridge, Mass. *Bot.**
 2003 Goode, G. Brown, Ass't Sec. Smithsonian Institution; in
 charge U. S. National Museum, Washington, D. C. *Geog.*
Dist., Ichth., Zool. of the Deep Sea. History, Biography
 and Bibliography of American Science. Museum Admin-
 istration. C. Ex.*
 2004 Goodell, L. W., Pansy Park, Mass. *Bot., Hort., Floricul-*
ture, Ent.: Lepid., Photog. C.*
 2005 Goodenough, H. B., New Britain, Ct. *Min.* C. Ex.*
 2006 Goodfellow, Edward, Assistant U. S. Coast and Geodetic
 Survey, Washington, D. C.*
 2007 Goodhue, Chas. F., Webster, N. H. *Orn., Lepid, Sphingidæ,*
Catocalæ. C. Ex.*
 2008 Goodhue, Fred E., Wilmot, Merrimack Co., N. H. *Geol.,*
Min., Crystall. C. Ex.*
 2009 Gooding, Arthur C., Rochester, Minn. *Mic.* C. Ex.
 2010 Goodloe, Meade, Asst. Prof. Assaying, Univ. of Ariz., Tus-
 con, Ariz. *Min., Metall.**
 2011 Goodman, H. L., Ph.G., M.D., 1915 Market St., St. Louis,
 Mo. *Min., Mic., Phar. Med.* C. Ex.*
 2012 Goodrich, John K., Waterbury, Conn. *Bot: Phæn. Plants.**
 2013 Goodrich, Mrs. L. Leonora, Pres. of Syracuse Bot. Club, 505
 Willow St., Syracuse, N. Y. *Phæn. and Crypt. Plants.* C.
 Ex.*
 2014 Goodrich, Wilbur F., C.E., 10 Gibbens St., Somerville, Mass.
Con., Min., Fossils. C. Ex. Desires Helices, F. W. shells,
 crystals and fossils.*
 2015 Goodwillie, J. M., M.A., Vernon, Ont., Can. *Arch., Geol.,*
Palæo. C. Ex.*
 2016 Goodwin, A. C., A.M., Ph.D., Pres. Owensboro Female
 Coll., Owensboro', Ky. *Geol., Palæo., Bot.* C.*
 2017 Goodwin, E. J., M.D., Solitude, Ind. *Phys.*
 2018 Goodwin, F. M., Hartland, Vt. ?
 2019 Goodwin, W. L., D.Sc., F.R.S.C., Queen's Univ., Kingston,
 Ont., Can. *Chem.*
 2020 Goold, C. H. Morris, Ill. ?
 2021 Gorden, Wm. J., 51 Water St., Cleveland, Ohio ?
 2022 Gordinier, Hermon C., M.D., 89 Fourth St., Troy, N. Y.
Phæn. Bot., Arch. Ex.*
 2023 Gordon, C. H., M.S., Univ. of Chicago, Chicago, Ill. *Invert.*
Palæo., Geol., Min., Petrog. C. Ex. in Palæo.*

- 2024 Gordon, J. C., Ph.D., Gallaudet Coll., Kendall Green, Washington, D. C. *Chem.**
- 2025 Gordon, T. Winslow, M.D., Georgetown, Brown Co., Ohio?
- 2026 Gordon, Mrs. W. L., Chelmsford, Mass. *Geol., Min. C. Ex.**
- 2027 Gore, J. Howard, Prof. Math., Columbian Univ., Washington, D. C. *Ceremonial Government and Geodesy.**
- 2028 Gore, J. W., Prof. Phys., Univ. of N. C., Chapel Hill, N. C. *Phys., Elect.**
- 2029 Gorham, Frederic P., 236 Knight St., Providence, R. I. *Palæo., Emb., Ent. C.**
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- 2031 Gorman, William C., Pulaski, Oswego Co., N. Y.?
- 2032 Gorton, L. G., Agricultural College, Mich. *Mic., Phys., Physiol. C. Ex. mic. slides.**
- 2033 Gossard, Harry A., B.Sc., Asst. Ent., Iowa Expr. Station, Ames, Iowa?
- 2034 Gottschalk, Chas. F. A., 634 No. Salina St., Syracuse, N. Y. *Bot., Palæo., Gen. Zool. C. Ex.**
- 2035 Gould, Dr. B. A., Editor of "Astronomical Journal," Cambridge, Mass. *Ast.**
- 2036 Gould, George M., M.D., 119 South Seventeenth St., Philadelphia, Pa. *Psychol., Gen. Biol., Anth.**
- 2037 Gould, H. W., M.D., D.S., San Diego, Calif.*
- 2038 Gould, S. C., Manchester, N. H. *Gen. Sci. Ex.**
- 2039 Gould, Vernon, M.D., Rochester, Fulton Co., Ind. *Geol., Gen. Biol. C. Ex.**
- 2040 Gow, Alex., Windsor, Ont., Canada. *Orn., Tax. C. Ex.?*
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- 2043 Graf, L., Van Buren, Ark. *Geol., Min., Palæo., Anth. C. Ex.**
- 2044 Graham, Albert A., Albuquerque, N. M. *Arch., Eth., Histol. C. Ex.**
- 2045 Graham, R. O., Prof. Illinois Wesleyan Univ., Bloomington, Ill. *Chem.**
- 2046 Graham, Walter, M.E., Graham, Va. *Geol., Min., Metall. C. Ex.**
- 2047 Graham, W. T., B.S., M.D., 192 E. Fulton St., Grand Rapids, Mich. *Mic., Zool., Gen. Biol., Eth., Ent. C.*
- 2048 Gramm, William, 233 E. 19th St., New York, N. Y.?
- 2049 Grancell, O. B., 339 West Girard Ave., Philadelphia, Pa. *Zool., Orn., Ool. C. Ex.**
- 2050 Granger, Walter W., American Mus. Nat. Hist., Central Park, New York, N. Y. *Bot., Mammals, Orn., Ool., Tax.**
- 2051 Grannis, Hial S., Plantsville, Ct. *Lepid., Coleopt. C. Ex. N. A. Coleopt.**

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- 2053 Grant, H. L., Analyt. and Sanitary Chem., 206 Moss Ave., Peoria, Ill.*
- 2054 Grant, John B., Flushing, New York, N. Y. *Orn.**
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- 2066 Gray, Louis F., Boston Public Library, Boston, Mass.?
- 2067 Gray, Mrs. Mary T., Box 73, Kansas City, Kansas. *Con.*, *Geol.* C. Ex.*
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- 2070 Greeger, Isaiah, Cuyahoga Falls, Ohio. *Con.*
- 2071 Greely, Gen. A. W., U. S. Army, Signal Office, Washington, D. C. *Meteo.*, *Geog. Dist.**
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 Pa.?
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*Hort., Agric., Chem.**
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 Mass. *Bot.**
 2089 Greenman, Jesse M., Gray Herbarium of Harvard Univ.,
 Cambridge, Mass. *Bot., Phæn.**
 2090 Greenway, Geo. B., Clyde, N. Y. *Bot., Orn., Ent.**
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 York City. *Bot., Histol. of Plants.**
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*measure fossils, etc.**
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*Photog., Gen. Biol. C. Ex.**
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 2102 Griffin, La Roy F., North Granville, N. Y.
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*Chem., Phys., Mic., Zool. C. Ex.**

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Mic., *Coccidæ a speciality.* *Bot.*, *Min.*, *Zool.**
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- 2108 Griffith, H. G., M.D., 173 Green Lane, Manayunk, Philadel-
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Washington, D. C. *Mic.**
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Osteol., *Vert.*, *Palæo.*, *Orn.*, *Anth.**
- 2112 Griswold, Leon S., A.B., 238 Boston St., Dorchester, Mass.
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C. *Ex.**
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- 2118 Grumblin, Christian M., A.M., Prof. Nat. Sci., Iowa Wes-
leyan Univ., Mt. Pleasant, Ia.?
- 2119 Grundel, J. G., Alma, Santa Clara Co., Calif. *Ent.*, *Lepid.*
General Collector. Cocoons a spec. *C.* *Ex.**
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Bot., *Hymenopt.**
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R. I. *Org. and Inorg. Chem.**
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- 2126 Gurley, Mrs. Anna S., Danville, Ill. *Con.*, *Crust.*, *Invert.*
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Fossils to Ex.
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- 2130 Gутtenberg, Gustave, Teacher Biol., Central High School,
Pittsburg, Pa. *Bot.*, *Ferns*, *Min.* *C.* *Ex.**
- 2131 Guve, Mrs. E. W. P., 1215 3d St., Seattle, Washington.
- 2132 Gwyn, Chas. L., A.B., M.D., 2020 Market St., Galveston,
Texas. *Moll.*, *Spec. Marine products*, *Coast of Texas.* *C.*
*Ex.**
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Washington St., Toledo, Ohio. *Mic.*, *Anat.*, *Osteol.*,
Histol. *C.* *Ex.*

- 2184 Haag, Harry P., Physician and Surgeon, Liberty Centre, Henry Co., O. *Mic., Anat., Histol.* C.
- 2185 Haanel, Prof. E., 405 University Place, Syracuse, N. Y. *Phys., Elect.**
- 2186 Haberer, Joseph V., M.D., Utica, N. Y. *Bot: Cyperaceæ, Ethnol., Anat., Osteol., C. Rare Ex. in Bot.**
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- 2188 Hacker, Wm., Gen. Offices Penn. R. R. Co., Philadelphia, Pa. *Orn., Bot. C. Ex.**
- 2189 Hadden, David E., Alta, Iowa. *Ast., Meteo., Chem.**
- 2140 Hagemann, John, Houston, Texas. *Min., Chem., Metall., Phys. C.*
- 2141 Hagen, Prof. J. G., Georgetown, D. C. *Ast.**
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- 2149 Haines, Reuben, 201 So. 5th St., Philadelphia, Pa. *Chem., Min., Ent., Lepid., Coleopt.**
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*Min., Lithol. C. Ex.**
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*Crypt. Bot., Fungt, Hort.**
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 2189 Halsted, Geo. B., Austin, Texas. *Bibliog., Anth., Arch.**
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*C. Ex.**

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- 2215 Hampton, Wm. C., Mount Victory, Hardin Co., Ohio. *Bot., Hort., Palæo., Geol., Min., Arch., Orn., Photog. C. Ex.**
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- 2220 Hancock, Wm. J., M.S., Prof. Chem. and Biol., Antioch Coll., Yellow Springs, Green Co., Ohio. *Bot: Chem., Mic., Zool., Gen. Biol., Ent.* C. Ex.
- 2221 Handwerk, J. H., 115-117 Jefferson St., Joliet, Ill. *Geol., Min., Moll., Radiates, Sponges, Protozoa.* C. Ex.*
- 2222 Hanham, A. W., care of Bank of British North America, Winnipeg, Manitoba, Canada. *Lepid., Coleopt., Moll.* C. Ex.*
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- 2224 Hankenson, E. L., Newark, Wayne Co., N. Y. *Bot: Salices., Carices.* C. Ex. local for other plants.*
- 2225 Hanks, Henry G., F.G.S., 1124 Greenwich St., San Francisco, Calif. Ex.*
- 2226 Hannum, Frank A., Easthampton, Mass. *Orn., Ool., Bot.* C.*
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- 2228 Haradon, Roland S., 265 Tulip St., Brooklyn, N. Y. *Mosses, Crystall., Photog., Mammals, Orn., Lepid.**
- 2229 Harbison, W. F., Spencerville, Allen Co., Ohio. *Arch., Geol., Moll., Palæo.* C. Ex.*
- 2230 Harbron, George, Hamilton, Ohio. *Orn., Tax.* Ex.*
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- 2237 Harding, Lawrence A., A.M., B.Sc., Ph.D., 112 Lincoln Ave., Fergus Falls, Minn. *Bot., Crystall., Chem., Physics., Mic.* C.
- 2238 Hardman, John E., S.B., M.E., Halifax, N. S., Canada. *Phys. Geol., Min., Lithol., Metall.* C.
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- 2240 Hardy, Isaac B., 327 Victory St., Santa Barbara, Calif. *Mollusks.* C. Ex.*
- 2241 Hardy, Manly, Brewer, Me. *Orn.* C. Ex.
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Schrader, F. C., 68 Thayer	GZE	Ave.	
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Maynard, C. J.	ZMaOTECon	ROCKPORT.	
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Stowe, Willard H., M. D.		Philbrick, Eliza, 26 Orne St.	BG
Ward Erwin G.	AO		
PANSY PARK.			
Goodell, L. W.	BE		

Phippen, Geo. D.	B	TAUNTON.	
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Sears, John H.	G	Hubbard F. A., 14 Main St.	BH
SOMERSET.		Pratt, W. H., 49 Clifford St.	M
Slade, Elisha	Z	Sharp, John C., Jr.	O
SOMERVILLE.		TOWNSEND.	
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Upham, W., 36 Newbury St.	G	TUFTS COLLEGE.	
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Gillett, Edw.	B	Hooper, Wm. L.	P
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Babcock, A. L.	OE	WALTHAM.	
SOUTH HANSON.		Johnson, Horace I.	G
Josselyn, Clara F.		Musso, G. W., Jr.	GDAs
SOUTH ASHBURNHAM.		Wills, Wm. R.	
Wheeler, Delbert A.	G	WARE.	
So. BRAINTREE.		Eddy, C. W.	
Pitkin, C. A.	UP	Miner, W. W., M.D.	GH
So. HADLEY.		WATERTOWN.	
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Hooker, H. E.	BH	WELLESLEY.	
So. FRAMINGHAM.		Cooley, Grace E., Welles'y Col.	BH
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Albee, Burton H.	G	Denton, S. W.	OTCBGA
Baker, Harris W.	P	Denton, Wm. D.	OE
Bolen, John A., 25 Bay St.	GACon	Gilchrist, Maude	B
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Fuller, Homer T.	G	Roberts, Charlotte F.	C
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Lyford, Edwin F.	CAsAn	WELLESLEY HILLS.	
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Myrick, L.		WENHAM.	
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		Richards, Mrs. P. D.	B

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W. SOMERVILLE.		
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WILLIAMSTOWN.		
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Dale, T. Nelson	GB	
Peabody, Jas. E.	CBV	
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Safford, Truman H.	As	
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Desper, Ernest W.	C	
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Watase, S.		
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Breedon, Jacob		As
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Howard, W. H.		PGC
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MARSHALL.		TECUMSEH.	
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Heath, Geo. F., M.D.	GM	TRAVERSE CITY.	
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Wimmer, Prof.		VULCAN.	
MUSKEGON.		Kelley, Wm.	G
McLouth, C. D.	BZG	YPSILANTI.	
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Lugger, Prof. Otto	E	Elftman, Arthur H.	G
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35 COLLEGE PLACE.		Grant, Ulysses S.	G
Keenan, Thomas J.	BCPME	Hall, C. W., University Ave., So.	G
DULUTH.		Leavenworth, F. P.	As
Daggett, Frank S.	E	Lee, Thomas G.	ZH
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Roberts, Willis M.	PG	Leonard, W. H.	
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Woolman, Albert J.	BI	MacMillan, Conway	B
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Linton, Robert	O	Schleener, John A.	OG
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Chase, Rev. E. B.	AG	Stebbins, E. S., 607 Masonic Temple.	AO
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Cox, U. O.	OI	Sudduth, W. Xavier	MBiV
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MARSHALL.		Winchell, Prof. N. H.	GM
Renninger, John S., M.D.	GAEt	Wolford, Wm. L., 87 Tenth St.	O
MINNEAPOLIS.		MONTEVIDEO.	
Aiton, George B., 1601 University Ave.	B	Moyer, Lycurgus R.	B
Appleby, William R.	G	MOORHEAD.	
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Beard, R. O., M.D., 1622 Laelur Ave.		NEW ULM.	
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Christianson, Peter		Nix, Robert	GP
Cooley, Geo. W., Boston Block.			
Daggett, A. F., Flour Exchange O			
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Middagh, Wm.	BMGZ		MISSOURI.	
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Seymour, George W.	A		Updegraff, Milton	As
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Brown, E. L.	TMaO		COURTNEY.	
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Holzinger, John M.	B		DOE RUN.	
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Foote, Lewis	B		EMMA.	
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Weed, Howard D.	E		White, J. W.	BZE
			GALENA.	
			Hershey, Oscar H.	GA

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		Soule, George	
			BUTTE.
		Goodale, Charles W.	GC
		Knight, A. B., Box 211.	G

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Logan, James H.	GC		BOYERTOWN.	
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Packenthal, J. S.	C		Hall, Lyman B.	C
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Shimer, P. W.	C		Sharpless, Isaac	As
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Foster, J. A.	GP		Comer, Harris	G
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Watson, Prof. W. F.	CG	CHATTANOOGA.	
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Hartzell, J. C., Jr.	BBiGME	CLARKSVILLE.	
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Provence, D. M., M.D.	OZ	COLUMBIA.	
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Scaife, Mary F.	AEt	Smith, W. A.	An

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Swift, R., M.D.	Z	Halsted, Prof. Geo. B.	PA _s
JACKSON.		Halsted, Geo. B.	AnA
Bain, S. M.	B	MacFarlano, Alex.	P
Cisco, J. G.	AAAnE	Oberwetter, P. H.	B
KNOXVILLE.		Oldright, Charles	OBi
Andrews, Mrs. Geo.	Con	Simonds, Frederic W.	G
Burgdoff, F. F.		Smith, Q. C., M.D.	BCPMEtT
Carson, Prof. W. W.		Stiles, E. P.	B
Lamson-Scribner, Frank	B	Streeruwitz, W. H. von	G
McClung, C. M.	B	BROWNSVILLE.	
Scribner, Prof. F. L.	B	Armstrong, Frank B.	OTG
Wait, Charles E.	C	Townsend, C. H. T.	ZE
Watts, Ralph L.	B	BROWNWOOD.	
Wilson, Chas. M., M.D.		Newhall, C. S.	BG
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Hinds, J. I. D.	G	DALLAS.	
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Cate, Will A.		Cummins, W. F.	GA
NASHVILLE.		Remond, Emile	G
Chase, Prof. F. A.	P	Reverchon, Julien	B
Daniel, Prof. J. A.	GPMAs	DENISON.	
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Gattinger, A.	BGAn	DICKINSON.	
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Lindsley, J. B., M.D.		DIME BOX.	
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McGil, J. T.	C	EL PASO.	
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White, W. A.	CPBi	Harper, H. W.	GCMBiH
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Westgate, Wm. W.	BGBi	Tibbals, Wm. H.	B
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Wurzlów, Hugo	B	VERMONT.	
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Scheller, Louis	OT	Mitchell, I. N.	E
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Tilman, Walter	GO	Thal, Paul	
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Kahlenberg, Louis	C	POYNETTE.	
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Owen, E. T.	E	PEWAUKEE.	
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Thwing, Chas. B.	P	RACINE.	
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Van Hise, C. R.	G	RIPON.	
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Larson, C. F., M.D.	GBZ	Tracey, Mrs. C. T.	B
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Coon, Floyd T.	ZAOT	Lueders, H. F.	B
Crandall, A. R.	G	SHEBOYGAN.	
Plumb, Curt. K.	B	Gerend, Jacob N.	OGA
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Keffer, Emily C.		Hay, George U.	B
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Bain, Francis		Reade, John	Et
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 Langille, J. H., Kensington, Md.
 Latham, Miss V. A., Chicago, Ill.
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 Lawrence, R. B., New York, N. Y.
 Lazanby, W. R., Columbus, O.
 Leach, L. G., Bucksport, Me.
 LeBrun, M. M., N. Y. City.
 Lees, R., St. Thomas, Ont.
 Lehman, W. V., Tremont, Pa.
 Leiberg, J. B., Lakeview, Idaho.
 Leland, G. H., Providence, R. I.
 Lemmon, J. G., Oakland, Cal.
 Lemmon, Mrs. J. G., Oakland, Cal.
 Lemmon, S. A., Oakland, Cal.
 Lemmon, W. H., Brookport, N. Y.
 Lightfoot, T. M., Phila., Pa.
 Lincoln, D. F., W. Brookfield, Mass.
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 Lucy, T. E., Elmira, N. Y.
 Ludden, Lorette C., Canton Point, Me.
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 Lueders, H. F., Sauk City, Wis.
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- Macfarlane, J. M., Phila., Pa.
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 Stoller, J. H., Schenectady, N. Y.
 Stoy, Kate, Greensburg, Pa.
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 Sturtevant, E. L., So. Framing-
 ham, Mass.
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 Wash.
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 Surface, H. A., Napa, Calif.
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 Thomson, H., Paxton, Ill.
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 Tight, W. G., Granville, O.
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 Van Ostrand, H. T., Milbury,
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 Van Wagenen, G. H., Rye, N. Y.
 Van Winkle, A. S., Keota, Ia.
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 Vaughan, C. W., N. Y. City
 Viele, E. L., N. Y. City
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 Walker, E. L., Cambridge, Mass.
 Walker, F. A., Anderson, Ind.
 Wall, J. L., N. Y. City
 Wall, O. A., St. Louis, Mo.
 Ward, J. W., Buffalo, N. Y.
 Ward, W. H., N. Y. City
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 Warne, H. A., Kenwood, N. Y.
 Waters, Miss L. L., Manhattan,
 Kan.
 Watson, B. M., Jr., Jamaica Plain,
 Mass.

- Watson, T. A., Weymouth, Mass.
 Watt, D. A. P., Montreal, Can.
 Watts, R. L., Knoxville, Tenn.
 Way, Miss A. C., Sewickley, Pa.
 Weaver, G. E., Phila., Pa.
 Webber, H. J., Eustis, Fla.
 Webster, G. W., Lake Helen, Fla.
 Werner, W. C., Painesville, O.
 Westgate, W. W., Houston, Tex.
 Wheatley, T. C., Blackwell Station, Ont.
 Wheeler, C. F., Agric. Coll., Mich.
 Wheeler, E. S., Berlin, Mass.
 Wheeler, Mary H., Pittsfield, N.H.
 Wherry, A., Windsor, Ont.
 White, J., Edmonton, Ont.
 White, J. W., Fayette, Mo.
 White, T. G., N. Y. City
 White, Wm., Ottawa, Ont.
 Whiteside, A., So. Cambridge, Mass.
 Whitesides, Jennie E., Harmonsburg, Pa.
 Whiting, C. A., Salt Lake City, Utah
 Wibbe, J. H., Schenectady, N. Y.
 Wiegand, K. McK., Ithaca, N. Y.
 Wilcox, E. M., Columbus, O.
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 Wilder, A., Newark, N. J.
 Wiley, Agnes B., Colorado Springs, Colo.
 Wilkinson, E., Mansfield, O.
 Willet, J. E., Macon, Ga.
 Williams, R. S., Columbia Falls, Mont.
 Williams, T. A., Brookings, S. D.
 Williams, Mrs. V. S., Coralville, Ia.
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 Wilson, L. A., Cleveland, O.
 Wilson, F., So. Glastonbury, Ct.
 Wilson, W., Boston, Mass.
 Wilson, W. E., Providence, R. I.
 Wilson, W. P., Phila., Pa.
 Wing, A. R., Ft. Edward, N. Y.
 Wing, H. H., Ithaca, N. Y.
 Wingate, C. E., Lawrence, Mass.
 Winn, Jane F., Chillicothe, O.
 Winslow, J. E., Virgil, N. Y.
 Winslow, C., Virgil, N. Y.
 Wirth, Ida, Columbus, O.
 Wisser, J. P., West Point, N. Y.
 Wolf, J., Canton, Ill.
 Wolfe, H. F., Camden, N. J.
 Wood, A. B., Cleveland, O.
 Wood, C. H., New Harmony, Ind.
 Wood, Mary E., Oscaloosa, Ia.
 Woodbury, H. E., Gloucester, Mass.
 Woodman, Miss C. A., Lewiston, Me.
 Woolson, G. C., Passaic, N. J.
 Wooster, L. C., Mayville, N. D.
 Wootton, E. O., Las Cruces, N. M.
 Wright, J. B., Indianapolis, Ind.
 Wright, S. H., Penn Yan, N. Y.
 Wulling, F. J., Carlstadt, N. J.
 Wurzlów, H., Industry, Tex.
 Yates, L. G., Santa Barbara, Cal.
 Young, A. H., Hanover, Ind.
 Young, E. B., Boston, Mass.
 Young, G. R., Penn Yan, N. Y.
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 Zuber, W. H., St. Paul, Minn.

CRYPTOGAMS.

- Alwood, W. B., Blacksburg, Va.
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 Bogart, R. O., Northport, N. Y.
 Bolles, E. C., N. Y. City
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 N. J.
 Hamlin, H. H., Mohawk, N. Y.
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 Jones, M. E., Salt Lake City, Utah
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 dino, Cal.
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 ton, Mass.
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FUNGI.

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 Dabney, C. W., Jr., Wash., D. C.
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Eaton, J. R., Liberty, Mo.
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Foulks, L. E., New Egypt, N. J.
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 Rosell, C. A. O., Wash., D. C.
 Rowlee, W. W., Ithaca, N. Y.
 Rudd, E. H., Knoxville, Ill.
 Rudd, E. H., Knoxville, Ill.
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 Ruggles, B. P., Hartland Four Corners, Vt.
 Ruggles, Ellie L., Milton, Mass
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 Sargent, H. E., Plymouth, N. H.
 Sauerhering, R., Mayville, Wis.
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 Saunders, W. E., London, Ont.
 Saunders, W. M., Prov., R. I.
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 Sayres, Mrs. E. S., Phila., Pa.
 Scharar, C. H., Scranton, Pa.
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 Schaufelberger, F. J., Hastings, Neb.
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 Shaw, J. M., So. Waterford, Me.
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 Shuttleworth, A. G., Guelph, Ont.
 Shuttleworth, E. B., Toronto, Ont.
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 Smith, H. E., New Haven, Ct.
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 Thompson, G. W., Brooklyn, N. Y.
 Tibballs, W. I., Buffalo, N. Y.
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 Tower, S. F., Boston, Mass.
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 Treat, J. A., Stuart, Ia.
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 Tuttle, F. E., State College, Pa.
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 Voorhees, L. A., New Brunswick, N. J.
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 Wait, F. G., Ottawa, Ont.
 Wallace, S., Phila., Pa.
 Warder, R. B., Wash., D. C.
 Watson, W. F., Greenville, S. C.
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 Weems, J. B., Geneva, N. Y.
 Whalen, W. H., Fargo, N. D.
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 Wheeler, H. J., Kingston, R. I.
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 White, H. C., Athens, Ga.
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 White, W. S., Kalamazoo, Mich.
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 Whitfield, J. E., Phila., Pa.
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 Willard, J. T., Manhattan, Kan.
 Willet, J. E., Macon, Ga.
 Williams, S., Baltimore, Md.
 Williams, C. B., Raleigh, N. C.
 Williams, R. P., Boston, Mass.
 Williamson, J., Kingston, Ont.
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 Wilson, J. M., Steubenville, O.
 Wilson, P. B., Baltimore, Md.
 Wilson, W., Boston, Mass.
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 Wolston, R. T., Elkhorn, Mon.
 Wood, A. B., Cleveland, O.
 Wood, E. S., Boston, Mass.
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 Woods, C. D., Middletown, Ct.
 Wright, E. J., Brooklyn, N. Y.
 Youmans, W. J., N. Y. City.
 Young, A. V., Evanston, Ill.
 Young, E. B., Boston, Mass.

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 Rathburn, Mary J., Wash., D. C.
 Rippon, E. V., Toronto, Ont.
 Sharp, B., Phila., Pa.

Smith, J., Elk, Calif.
 Smith, L. P., Liberty, Ind.
 Uhler, P. R., Baltimore, Md.
 Ulrich, E. O., Newport, Ky.
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ELECTRICITY.

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 Baker, A. L., Rochester, N. Y.
 Baker, H. W., Springfield, Mass.
 Ball, C. M., Troy, N. Y.
 Barber, D. H., Marion, Ia.
 Bauer, A. H., Chicago, Ill.
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 Bell, A. G., Wash., D. C.
 Bergholtz, H., Ithaca, N. Y.
 Billingslea, J., Cleveland, O.
 Blachman, L. A., San Diego, Cal.
 Brace, W. C., Rico, Colo.
 Browne, R. H., Ft. Smith, Ark.
 Burwell, R. T., New Orleans, La.
 Campbell, A. B., Bradford, Pa.
 Carty, J. J., New York City
 Clark, E. P., N. Y. City
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 Cuntz, J. H., Hoboken, N. J.
 Curtiss, G. F., Shenectady, N. Y.
 Curtiss, R. F., Mendota, Ill.
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 Dodson, T. M., Bethlehem, Pa.
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 Fisher, Ellen F., Painesville, O.
 Flood, J. F., Stubenville, O.
 Foote, E. B., N. Y. City

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 French, F. L., Housatonic, Mass.
 Gardener, C. B., Rochester, N. Y.
 George, J. N., Boston, Mass.
 Gissler, E. F., Brooklyn, N. Y.
 Gray, E., Highland Park, Ill.
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 Hamilton, H., Thompsonstown, Pa.
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 Haskins, C. D., Newton Centre, Mass.
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 Henshaw, F. V., Garwood, N. J.
 Herring, C., Phila., Pa.
 Herzog, F. B., N. Y. City
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 Hooker, W. L., Tufts Coll., Mass.
 Horgan, S. J., Worcester, Mass.
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 Jackson, F. H., Angelica, N. Y.
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 Judson, W. P., Oswego, N. Y.
 Kershner, J. E., Lancaster, Pa.
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 Loeb, M., N. Y. City
 Lundell, R., N. Y. City
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 Mailloux, C. O., N. Y. City
 Martin, T. C., N. Y. City
 Mayers, A. F., Phila., Pa.
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 McGuire, J. C., Brooklyn, N. Y.
 Mees, C. L., Terre Haute, Ind.
 Muldaur, G. B., N. Y. City
 Parfet, J. M., Salmon City, Idaho
 Plumb, H. T., Milton, Wis.
 Pope, F. L., Great Barrington, Mass.
 Pratt, R. W., Parker, S. D.
 Reckenzaun, F., W. Hoboken, N. J.
 Richards, P. D., West Medford, Mass.
 Roberts, E. P., Cleveland, O.
 Roswell, C. A. O., Wash., D. C.
 Rumsey, C. A., Stoughton, Mass.
 Ryan, H. J., Ithaca, N. Y.
 Sandt, G. F., N. Y. City

Schulz, W. F., Baltimore, Md.
 Sheble, F., Phila., Pa.
 Sherman, W. N., Merced, Calif.
 Smith, E. A., Worcester, Mass.
 Smith, J. M., Detroit, Mich.
 Smith, O., Bridgeton, N. J.
 Smith, Q. C., Austin, Tex.
 Smith, W. S., Maywood, Ill.
 Starr, E., Buffalo, N. Y.
 Stern, L., Baltimore, Md.
 Stine, W. M., Chicago, Ill.
 Stockbridge, G. H., N. Y. City
 Stockly, G. W., Cleveland, O.
 Storer, A., Boston, Mass.
 Stump, C. E., Brooklyn, N. Y.
 Taltavall, T. R., N. Y. City
 Thomas, B. F., Columbus, O.
 Thwing, C. B., Madison, Wis.
 Treat, J. A., Stuart, Ia.
 Vail, J. H., N. Y. City
 Wallace, W., Ansonia, Ct.
 Wardell, G. P., Newark, N. J.
 Weaver, C. W., Brooklyn, N. Y.
 Weeks, E. R., Kansas City, Mo.
 Wetzler, J., N. Y. City
 Wheeler, S. S., N. Y. City
 White, W. A., Philadelphia, Pa.
 Whitehill, A. R., Morgantown,
 W. Va.
 Wintringham, J. P., N. Y. City
 Young, C. A., Princeton, N. J.

EMBRYOLOGY.

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 City.
 Agassiz, A., Cambridge, Mass.
 Ayres, H., Milwaukee, Wis.
 Betting, A. W., Lafayette, Ind.
 Borden, W. C., Wash., D. C.
 Chapin, H. E., Athens, Ohio.
 Couser, H. N., Sunbury, Pa.
 Davenport, C. B., Cambridge,
 Mass.
 Eycleshymer, A. C., Chicago, Ill.
 Gage, S. H., Ithaca, N. Y.
 Henchman, Annie P., Cambridge,
 Mass.
 Horn, A., Baltimore, Md.
 Houser, G. L., Iowa City, Ia.
 Hunt, D., Boston, Mass.
 Lee, T. G., Minneapolis, Minn.

Miller, W. S., Madison, Wis.
 Neff, G. O., West Austintown, O.
 Price, G. C., Palo Alto, Calif.
 Ritter, W. E., Berkeley, Calif.
 Smith, F., Champaign, Ill.
 Thomas, A., Worcester, Mass.
 Vorce, C. M., Cleveland, O.
 Washburn, F. L., Corvallis, Ore.
 Wilson, H. V., Chapel Hill, N. C.
 Walcott, R. H., Grand Rapids,
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ENTOMOLOGY.

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 Aldrich, J. M., Moscow, Idaho.
 Allen, J. E., Maple Ridge, Mich.
 Allis, E. W., Adrian, Mich.
 Allis, J. W., Rochester, N. Y.
 Allison, H., Ft. Worth, Tex.
 Alwood, W. B., Blacksburg, Va.
 Ammon, W. H. v., 523 Clerly, San
 Fran., Calif.
 Angell, G. W. J., 44 Hudson, N. Y.
 City.
 Angelman, J. B., Ann Arbor, Mich.
 Argyle, J., Coal City, Ill.
 Arms, J. M., Boston, Mass.
 Ashton, T. B., Tonganoxie, Kan.
 Atwood, W. P., Lowell, Mass.
 Babcock, A. L., Sherborn, Mass.
 Bailey, T. P., Albany, N. Y.
 Baker, H. P., St. Croix Falls,
 Wis.
 Baldy, S., Catawissa, Pa.
 Banks, D. S., N. Y. City.
 Banks, N., Sea Cliff, N. Y.
 Bannister, M. J., Willimansett,
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 Barrows, W. B., Agric. Coll.
 Bates, J. E., Whitman, Mass.
 Baxter, F. R., Rochester, N. Y.
 Beadle, D. W., Toronto, Ont.
 Beard, J., Attica, Ohio.
 Beardslee, H. C., Cleveland, O.
 Beaudry, J. A. W., Montreal, P. Q.
 Becker, M. J., Fort Scott, Kan.

- Beckwith, M. H., Newark, Del.
 Beebe, C. W., E. Orange, N. J.
 Beeman, T. W., Perth, Ont.
 Behr, H. H., San Francisco, Cal.
 Berger, M. L., Cleveland, O.
 Best, L. A., Brooklyn, N. Y.
 Bethume, C. J. S., Port Hope, Ont.
 Buetenmuller, W., N. Y. City.
 Bigelow, E. F., Portland, Conn.
 Bigney, A. J., Baltimore, Md.
 Birkmann, G., Fedor, Tex.
 Blackburn, C. V., Rutherford, N. J.
 Blaisdell, F. E., Mokelumne Hill, Calif.
 Boch, H. P., London, Ont.
 Bodenburg, J. H., E. St. Louis, Ill.
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 Bohn, J. G., Lockdale, Pa.
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 Bonney, C. T. Jr., New Bedford, Mass.
 Bowen, E. S., Pawtucket, R. I.
 Brace, C. T., LeRoy, N. Y.
 Braddock, W. J., Springfield, Ill.
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 Brownell, C. L., Nyack, N. Y.
 Bruner, L., Lincoln, Neb.
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 Butz, G. C., State College, Pa.
 Callahan, T. F., Kansas City, Mo.
 Caruthers, G. S., Allegheny, Pa.
 Cassino, S. E., Peabody, Mass.
 Caswell, J., Rockford, Ill.
 Chamberlain, C. W., Boston, Mass.
 Chamberlain, G. W., Augusta, Me.
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 Cheney, A. P., Natick, Mass.
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 Collins, J. Y., New Whatcomb, Wash.
 Cook, A. J., Evanston, Ill.
 Coolidge, A. B., Wash., D. C.
 Cooper, E., Santa Barbara, Cal.
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 Cowles, S. N., Otisco, N. Y.
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 Derosse, L. T., Camden, N. J.
 Devereaux, W. L., Clyde, N. Y.
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 Foster, R., Wash., D. C.

- French, G. H., Carbondale, Ill.
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Hopkins, W. P., Kewah, Cal.
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Howes, G. H., New Smyrna, Fla.
Huard, V. A., Chicoutimi, P. Q.
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Irish, H. C., St. Louis, Mo.
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Jewett, F. R., Woodstock, Vt.
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Johnston, J., N. Hamilton, Ont.
Jones, A. W., Salina, Kans.
Jones, M. E., Salt Lake, Utah
Judd, J. W., Brooklyn, N. Y.
Keck, J. M., Mentor, O.
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Kellogg, V. L., Palo Alto, Cal.
Kelsey, H. P., Kawana, N. C.
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King, G. B., Lawrence, Mass.
Klages, E. O., Crafton, Pa.
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Knaus, W., McPherson, Kans.
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Lander, B., Nyack, N. Y.
Lawton, I. H., Nyack, N. Y.
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Mann, B. P., Wash., D. C.

- Marlott, C. L., Wash., D. C.
 Marlott, F. A., Manhattan, Kans.
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 McCarthy, G., Raleigh, N. C.
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 Midlam, L. W., Marquette, Mich.
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 Myers, J. M. T., Ft. Madison, Ia.
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 Carr, J. C., Morris, Ill.
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- Chamberlain, T. C., Chicago, Ill.
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 Chappelle, W. H., Oregon, Ill.
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 Cummings, D. H., Austin, Tex.
 Cummings, W. F., Dallas, Tex.
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 Kelly, D. S., Emporia, Kan.
 Kelsey, C. A., Theresa, N. Y.
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 Kennedy, G. T., Windsor, N. S.
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 Klock, E. J., E. Schuyler, N. Y.

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 Lay, G. W., Concord, N. H.
 Leach, L. G., Bucksport, Me.
 LeConte, J., Berkeley, Cal.
 Lee, C. R., Omaha, Neb.
 Lehman, A. E., Phila., Pa.
 Lehman, G. M., Phila., Pa.
 Lehman, W. V., Fremont, Pa.
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 Lightfoot, T. M., Phila., Pa.
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 Lindgren, W., Wash., D. C.
 Lindsley, J. G., Rondout, N. Y.
 Linton, E., Washington, Pa.
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 Lufkin, A., Newton, Ia.
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 Lindenkohl, H., Wash., D. C.
 Lunt, A. C., Beverly, Mass.
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 Lyman, C. B., Rockford, Ill.
 Lyman, H. H., Montreal, Can.
 Lynch, W. H., Ruth, Mo.
 Lyon, M. L., Paw Paw, Ill.
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 Manning, R. P., Youngston, O.
 Marcy, O., Evanston, Ill.
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 Mason, B. F., San Leandro, Cal.
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 Maxwell, S. A., Morrison, Ill.
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 McCreath, A. S., Harrisburg, Pa.
 McEvoy, J., Ottawa, Ont.
 McGee, W. J., Wash., D. C.
 McGinnis, W. H., Youngstown, O.
 McInnes, W., Ottawa, Ont.
 McKeller, P., Ft. William, Ont.
 McLaughlin, D. D., Thompsons, Ct.
 McLean, J. B., Simsbury, Ct.
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 Miller, J., Princetown, Ill.
 Miller, S. A., Cincinnati, O.
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 Mitchell, C. L., Ft. Mead, Fla.

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 Thomas, J. B., Chicago, Ill.
 Thomas, W. S., Little Rock, Ark.
 Tiffany, A. S., Davenport, Ia.
 Tillman, S. E., West Point, N. Y.
 Tilton, J. L., Indianola, Ia.
 Todd, J. E., Vermillion, S. D.
 Tremper, R. H., Ontario, Cal.
 Treudley, F., Youngstown, Ohio.
 Turner, H. W., Wash., D. C.
 Tweeddale, W., Topeka, Kan.
 Tyrrell, J. B., Ottawa, Ont.
 Udden, J. A., Rock Island, Ill.
 Uhler, P. R., Balt., Md.
 Unthank, J. T., Spiceland, Ind.
 Upham, W., Somerville, Mass.
 Valentine, E. P., Richmond, Ind.
 Valiant, W. S., New Brunswick, N. J.
 Vandenberg, F. P., Buffalo, N. Y.
 Van Denburg, M. W., Fort Edward, N. Y.
 Van Hise, C. R., Madison, Wis.
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 Vaughan, T. W., Wash., D. C.
 Very, F. W., Allegheny, Pa.
 Wadsworth, M. E., Houghton, Mich.
 Walcott, C. D., Wash., D. C.
 Walker, R. W., Glen Moore, Pa.
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 Ward, H. A., Rochester, N. Y.
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 Washburn, R. R., Waldron, Ind.
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 Watson, W. F., Greenville, S. C.
 Weeks, J. A., N. Y. City
 Weller, S., New Haven, Conn.
 Wells, G. E., Manhattan, Kan.
 Weston, E., Canon City, Colo.
 Weyburn, L. A., Rockford, Ill.
 Whalen, W. H., Fargo, N. D.
 Wheeler, H. J., Kingston, R. I.
 Wheeler, J. B., E. Templeton, Mass.
 White, David, Wash., D. C.
 White, I. C., Morgantown, W. Va.
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 Wilkinson, J. H., Washington, D. C.
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 Willetts, J. C., Skaneateles, N. Y.
 Williams, E. H., Jr., Bethlehem, Pa.
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 Williams, R. P., Boston, Mass.
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 Wilson, N. L., Boston, Mass.
 Wilson, W. J., Ottawa, Ont.
 Winchell, H. V., Minneapolis, Minn.
 Winchell, N. H., Minneapolis, Minn.
 Winslow, A., St. Louis, Mo.
 Winslow, J. E., Virgil, N. Y.
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 Wolfe, T. F., Succasunna, N. J.
 Wood, J., Bar Harbor, Me.
 Woodhouse, C. C., Tacoma, Wash.
 Woodman, F. E. J., Cambridge, Mass.
 Woodrow, J., Columbia, S. C.
 Woodward, H. G., Clarksville, Tenn.
 Woodworth, C. C., Youngstown, Ohio.
 Woodworth, J. B., Cambridge, Mass.
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 Worthen, H. W., Bradford, Vt.
 Wright, A. A., Oberlin, Ohio.
 Wright, G. F., Oberlin, Ohio.
 Wright, G. M., Akron, Ohio.
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 Yawger, H. E., Union Springs, N. Y.
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 Menough, W. C., Phila., Pa.
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ICHTHYOLOGY.

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 Hughes, W. E., Phila., Pa.
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 Loring, J. A., Wash., D. C.
 Marsh, C. H., San Diego, Cal.
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 McCodden, D. N., Phila., Pa.
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 Rowley, J., Jr., N. Y. City.
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 Southwick, J. M., Providence, R. I.
 Spiers, E. B., Emporia, Kan.
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 Stephens, F., Witch Creek, Cal.
 Stevenson, H. A., London, Ont.
 Stone, D. D., Lansing, N. Y.
 Stone, W., Phila., Pa.
 Thompson, E. E., Toronto, Ont., Can.
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 Washburn, F. L., Corvallis, Wash.
 Webster, F. B., Hyde Park, Mass.
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 Wood, J. C., Detroit, Mich.
 Zetlitz, A., Toledo, O.
 Zuber, W. H., St. Paul, Minn.

METALLURGY.

Banks, J. H., N. Y. City.
 Barton, G. E., Washington, D. C.
 Best, W. F., St. John, N. B.
 Birkinbine, J., Phila., Pa.
 Bixby, M., Salt Lake City, Utah.
 Blair, A. A., Phila., Pa.
 Booraem, R. E., N. Y. City.
 Byrnes, E. A., Wash., D. C.
 Canby, R. C., Argentine, Kan.
 Chandler, E. H., Marietta, Ga.
 Chase, A., Redfield, S. D.
 Chase, F. D., Jamaica Plain, Mass.

Christy, S. B., Berkely, Calif.
 Church, T. V., So. Chicago, Ill.
 Douglas, J., N. Y. City.
 Douglass, J. M., Middleton, Ct.
 Dwight, A. S., Pueblo, Colo.
 Edison, T. A., Orange, N. J.
 Fuller, F. D., Great Falls, Mont.
 Jackson, R. D., Reno, Nev.
 Keep, W. J., Detroit, Mich.
 Lang, H., Tacoma, Wash.
 Lock, J. M., Cincinnati, O.
 Rothwell, R. P., N. Y. City.
 Streeruwitz, W. H. von., Austin, Tex.
 Veeder, H., Pittsburgh, Pa.
 Wharton, J., Phila., Pa.

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 Ainslie, C. V., Rochester, Minn.
 Alleger, W. W., Washington, D. C.
 Allen, G. F., Aurora, Ill.
 Allen, J. M., Hartford, Ct.
 Allison, G. F., 22 S. Oxford, Brooklyn, N. Y.
 Aller, M. H., Los Angeles, Cal.
 Alwood, W. B., Blackburg, Va.
 Andrews, R. R., Cambridge, Mass.
 Archbald, G., N. Y. City.
 Armstrong, J. T., Beatrice, Neb.
 Ashby, G. E., 80 Pine, N. Y. City.
 Atkinson, A., Baltimore, Md.
 Atwood, E. S., East Orange, N. J.
 Atwood, F. H., Rochester, N. Y.
 Averill, W. D., Phila., Pa.
 Babcock, J. F., Boston, Mass.
 Baker, C. H., Grasmere, Fla.
 Baker, H. B., Lansing, Mich.
 Baker, S. W., Jamestown, N. Y.
 Baker, W. H., Phila., Pa.
 Baldwin, H. B., Newark, N. J.
 Bardeen, F. L., Onondaga, N. Y.
 Barr, C. E., Albion, Mich.
 Barrow, J. M., Columbus, Miss.
 Bates, G. A., Auburndale, Mass.
 Bausch, E., Rochester, N. Y.
 Bausch, J. J., Rochester, N. Y.
 Baxter, E. R., Sharon, Vt.
 Baxter, F. R., Rochester, N. Y.

- Beardslee, H. C., Cleveland, O.
Bennett, H. C., New York City.
Berger, H., Allegheny, Pa.
Beringer, G. M., Camden, N. J.
Best, W. F., St. John, N. B.
Bigelow, E. F., Portland, Conn.
Bigney, A. J., Baltimore, Md.
Bilgram, H., Phila., Pa.
Billings, J. S., Wash., D. C.
Bishop, J. W., Plainville, Ct.
Blacksham, G. E., Dunkirk, N. Y.
Biggs, H. M., N. Y. City.
Blackman, I. P., Sandy Hook, Ct.
Blair, T. S., Harrisburg, Pa.
Blake, J. M., Westville, Ct.
Blauvelt, G. F., Nyack-on-Hudson, N. Y.
Bliss, H. D., Brooklyn, N. Y.
Blodgett, F. H., New Brunswick, N. J.
Bogart, R. O., Northport, N. Y.
Bolles, E. C., N. Y. City.
Bolley, H. L., Fargo, N. D.
Bondurant, E. D., Tuscaloosa, Ala.
Booth, C. F., Ridgewood, N. J.
Booth, M. A., Longmeadow, Mass.
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Bowdoin, W. G., Brooklyn, N. Y.
Bowman, J. H., London, Ont., Can.
Boyce, T. E., Middlebury, Vt.
Boyer, E. R., Englewood, Ill.
Boynton, C. S., Burlington Vt.
Bradley, A. C., Newport, N. H.
Brackett, A. S., San Francisco, Calif.
Bradley, J., So. Boston, Mass.
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Broad, W., St. Stephen, N. B.
Brooks, W. R., Geneva, N. Y.
Brown, N. H., Phila., Pa.
Brown, W. E., Gilbertville, Mass.
Brubaker, J. C., Chicago, Ill.
Bruere, A. A., Montreal, P. Q.
Brugler, A., Caldwell, N. J.
Burrage, S., Boston, Mass.
Burrill, T. J., Champaign, Ill.
Burroughs, J. B., Shortsville, N. Y.
Bush, C. G., Claremont, N. H.
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Campbell, J. A., Phila., Pa.
Carpenter, T. B., Buffalo, N. Y.
Carruthers, G. S., Allegheny, Pa.
Carter, F. B., Mountclair, N. J.
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Catlin, C. A., Providence, R. I.
Cattell, H. W., Phila., Pa.
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Chapman, F. T., Wash., D. C.
Chase, R. H., Norristown, Pa.
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Cheyney, J. S., Phila., Pa.
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Cheeseman, E. L., Knowlesville, N. Y.
Clark, E. S., San Francisco, Calif.
Clark, H. H., Santa Cruz, Cal.
Cluett, J. W. A., Troy, N. Y.
Cochran, L. G., Salem, Ore.
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Conn, H. W., Middletown, Conn.
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Collidge, A. B., Wash., D. C.
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 Jullen, G. D., N. Y. City
 Kain, H. C., Phila., Pa.
 Kedzie, G. E., Ouray, Calif.
 Keeley, F. J., Phila., Pa.
 Keen, W. W., Phila., Pa.
 Keener, W. T., Chicago, Ill.
 Kelsey, F. D., Oberlin, O.
 Kendall, F. W., Brookline, Mass.
 Kenyan, C. A., Los Angeles, Cal.
 King, L. M., San Francisco, Cal.
 King, R., Emporia, Kan.
 King, W., Youngston, O.
 Kingsley, S. B., Rome, N. Y.
 Kinne, C. M., San Francisco, Cal.
 Kirsch, A., Notre Dame, Ind.
 Kitchell, H. S., So. Bethlehem, Pa.
 Kleine, C. B., N. Y. City
 Knap, W. H., Chicago, Ill.
 Kneer, F. G., N. Y. City
 Kneer, E. B., Atchison, Kan.
 Krauss, W. C., Buffalo, N. Y.
 Kunz, G. F., N. Y. City
 Lake, E. R., Portland, Ore.
 Lamb, D. S., Wash., D. C.
 Lamb, J. M., Wash., D. C.
 Last, L., Moberly, Mo.
 Latham, V. A., Chicago, Ill.
 Lattimore, S. A., Rochester, N. Y.
 Lautenbach, R., Baltimore, Md.
 Lawton, E. P., Troy, N. Y.
 Lawton, I. H., Nyack-on-Hudson, N. Y.
 Leal, M., N. Y. City
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 Lehlbach, C., Jr., Newark, N. J.
 Leiberg, J. B., Lakeview, Idaho
 Lemmon, J. G., Oakland, Cal.
 Lewis, F. P., Buffalo, N. Y.
 Lewis, J. A., Chapel Hill, N. C.
 Lewis, W. J., N. Y. City
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 Lindsey, J. B., Amherst, Mass.
 Line, J. E., Rochester, N. Y.
 Locke, J. D., Haverhill, N. H.
 Logan, J. H., Allegheny, Pa.
 Lomb, C. F., Rochester, N. Y.
 Loomis, J. C., Jeffersonville, Ind.
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 Lown, C., Poughkeepsie, N. Y.
 Lucas, F. C., Chicago, Ill.
 Lumsden, G. R., Norwich, Ct.
 Lyon, H. N., Chicago, Ill.
 Macadam, R. K., Boston, Mass.
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 MacNider, V. S., Houston, Tex.
 Mahan, A. E., Brierfield, Ala.
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 Mallonee, J. D., Buffalo, N. Y.
 Manton, W. P., Detroit, Mich.
 Marburg, C. L., Baltimore, Md.
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- Marshall, A. Chicago, Ill.
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 Mather, E., Paterson, N. J.
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 Matos, L. J., Phila., Pa.
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 Mayo, N. S., Manhattan, Kan.
 McAlister, F. W., Baltimore, Md.
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 McCoskey, G. W., Ft. Wayne, Ind.
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 Mellor, C. C., Pittsburg, Pa.
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 Thomas, B. W., Chicago, Ill.
 Thomas, L., Phila., Pa.
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 Thurston, J. H., Cambridge, Mass.
 Tolman, E. F., Lawrence, Mass.
 Tolman, H. L., Chicago, Ill.
 Troop, J., La Fayette, Ind.
 Tuckerman, L. B., Cleveland, O.
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 Ward, R. H., Troy, N. Y.
 Warne, H. A., Kenwood, N. Y.
 Warner, W. R., Cleveland, O.
 Warren, O. B., Palmer, Mich.
 Waters, G. F., Boston, Mass.
 Watson, T. A., Weymouth, Mass.
 Weaver, G. H., Chicago, Ill.
 Wells, H. C., N. Y. City
 Westcott, O. S., Maywood, Ill.
 Westover, H. W., St. Joseph, Mo.
 Wetherbee, I. J., Boston, Mass.
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 Wickson, E. J., Berkeley, Cal.
 Wilcox, E. M., Columbus, O.
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 Williams, N. H., Jackson, Mich.
 Willson, L. A., Cleveland, Ohio.
 Wilson, J. M., Steubenville, O.
 Wilson, N. L., Boston, Mass.
 Wilson, R. T., Baltimore, Md.
 Wilson, W. E., Providence, R. I.
 Winchell, H. N., Minneapolis, Minn.
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 Woodland, J. E., Havana, N. Y.
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 Woolman, G. S., N. Y. City.
 Wright, E. J., Brooklyn, N. Y.
 Young, A. A., Big Rock, Ill.
 Zabriskie, J. L., Flatbush, N. Y.
 Zellweger, J., Rochester, N. Y.
 Zetlitz, A., Toledo, O.
 Zuber, W. H., St. Paul, Minn.

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 Adams, W. H., 10 29th St., N. Y. City
 Aiken, C. E., Colorado Springs
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 Albrook, J. B., Mt. Vernon, Ia.
 Alderson, E. R., La Salle, Ill.
 Alderson, V. C., Chicago, Ill.
 Aldridge, W. H., E. Helena, Mont.
 Allbee, B. H., Springfield, Mass.
 Allem, F. R., Galesburg, Ill.
 Allen, C. R., New Bedford, Mass.
 Allen, Miss J. B., Camden, N. J.

Almy, F. W., Fall River, Mass.
 Alverson, A. H., San Bernardino, Cal.
 Andrews, C. G., So. Paris, Me.
 Andrews, D. M., Boulder, Colo.
 Andrews, E. D., Albany, Me.
 Andrews, Q. E., Moorehead, Minn.
 Andrews, S., Lawrence, Mass.
 Andriesen, H., Beaver, Pa.
 Andrus, D. A. K., Rockford, Ill.
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 Armstrong, F. B., Brownsville, Tex.
 Arnold, C. R., Sharon Hill, Pa.
 Aschman, F. T., Pittsburgh, Pa.
 Ashby, G. E., 80 Pine, N. Y. City
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 Atkinson, L. W., Cotton Hill, W. Va.
 Austin, A. C., Kansas City, Mo.
 Averell, W. D., Mt. Airy, Phila.
 Avery, G. R., Locke, Mich.
 Balley, E. H. S., Lawrence, Kans.
 Bailey, E. M., Andover, Me.
 Bailey, S. C. H., Oscawena, N. Y.
 Bailly, A. W., Atlantic City, N. J.
 Bain, H. F., Des Moines, Ill.
 Bair, R. C., York, Pa.
 Baird, W. R., 243 B'way, N. Y. City
 Baker, B. N., Baltimore, Md.
 Baker, C. D., St. Paul, Minn.
 Baker, C. H., Grassmere, Fla.
 Baker, S. P., Greencastle, Ind.
 Baker, W. M., Fortville, Ind.
 Baldwin, J. P., Los Angeles, Cal.
 Ball, C. M., Troy, N. Y.
 Ball, J. P., Phila., Pa.
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 Bartlett, D. B., Manchester, N. H.
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 Barbour, E. H., Lincoln, Neb.
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 Barton, G. H., Boston
 Bates, A. C., Newark, N. J.
 Battey, T. J., Providence, R. I.

- Battle, H. B., Raleigh, N. C.
 Bayley, W. S., Waterville, Me.
 Beadle, H. H., Bridgeton, N. J.
 Bean, W. H., Lebanon, O.
 Beard, John, Attica, Ohio
 Beardsley, B., Catskill, N. Y.
 Beatty, A. C., 3 E. 9th St., N. Y. City
 Beaudry, J. A. W., Montreal, Can.
 Beckwith, L. F., N. Y. City
 Bement, S. C. S., Phila., Pa.
 Benge, E., Phila., Pa.
 Bennett, Mrs. J. B., Salinas, Cal.
 Bergen, J. Y., Jr., N. Cambridge, Mass.
 Berger, M. L., Cleveland, Ohio
 Bering, J. E., Decatur, Ill.
 Berkey, C. F., Minneapolis, Minn.
 Berry, H. N., Cloud Chief, O. T.
 Bethel, E., Denver, Colo.
 Beyer, S. W., Ames, Iowa
 Berkinbine, J., Phila., Pa.
 Bischoff, M., Buffalo, N. Y.
 Bixby, M., Salt Lake City, Utah
 Blake, W. P., New Haven, Ct.
 Blauvelt, W. H., Great Falls, Mo.
 Blockman, L. A., San Diego, Cal.
 Blue, A., Toronto, Ont.
 Boardman, W. D., Cambridge, Mass.
 Bode, A. F., Durham, Ct.
 Boettcher, F. L., Wash., D. C.
 Bolen, J. A., Springfield, Mass.
 Bolten, W. P., Liberty Sq., Pa.
 Booth, S. C., Longmeadow, Mass.
 Bothe, A. C., Coll. Park, Calif.
 Bouve, Thos. T., Boston, Mass.
 Bowden, J. H., Wilkesbarre, Pa.
 Bowdoin, W. G., Brooklyn, N. Y.
 Bowen, E. S., Pawtucket, R. I.
 Bowers, H. L., Rome, N. Y.
 Bowers, S., Fallbrook, Calif.
 Boyden, A. C., Bridgewater, Mass.
 Boyer, J. L., Reading, Pa.
 Brace, W. C., Rico, Colo.
 Brackett, R. N., Clemson Coll., S. C.
 Bradford, J. G., Reading, Pa.
 Branson, J. Jr., Brooklyn, N. Y.
 Brastow, S. D., San Francisco, Calif.
 Braverman, M., Visalia, Calif.
 Braymer, F. H., West Pawlet, Vt.
 Brewster, J. R., Windsor, Vt.
 Bridgham, J., Providence, R. I.
 Brigham, G. L., Bolton, Mass.
 Broodbent, R. L., Ottawa, Ont.
 Brown, A. D., Pipestone, Minn.
 Brown, A. P., Phila., Pa.
 Brown, F. W., Glen Rock, Pa.
 Brown, W. E., Gilbertville, Mass.
 Brown, W. G., Wash., D. C.
 Brown, W. H., Cedarville, N. Y.
 Brownell, W. A., Syracuse, N. Y.
 Brumell, H. P. H., Ottawa, Ont.
 Bruner, T. K., Raleigh, N. C.
 Brush, G. J., New Haven, Ct.
 Budd, H. I., Mount Holly, N. J.
 Bulkley, F., Aspen, Colo.
 Bulkley, F. G., Aspen, Colo.
 Burland, J. H., Ottawa, Ont.
 Bush, B. F., Grand Blanc, Mich.
 Butler, W. D., St. Louis, Mo.
 Cabell, J. A., Richmond, Va.
 Cahn, Lazard, Colorado Springs, Colo.
 Campbell, A. B., Bradford, Penn.
 Campbell, A. M., Perth, Ont.
 Canfield, F. A., Dover, N. J.
 Carey, G. H., Terre Haute, Ind.
 Cardeza, J. T., Claymont, Del.
 Carman, L., Bangall, N. Y.
 Carpenter, F. O., Boston, Mass.
 Carpenter, H. F., Providence, R. I.
 Carr, C. F., New London, Wis.
 Cary, A. A., New York City.
 Catlin, C. A., Providence, R. I.
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 Chadbourne, E. R., Lewiston, Me.
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 Chamberlain, A., Newark, N. J.
 Chamberlain, T., Jersey City, N. J.
 Chamberlain, W. E., Crawfordsville, Ind.
 Chance, H. M., Phila., Pa.
 Chandler, E. H., Marietta, Ga.
 Chappelle, W. H., Oregon, Ill.
 Chase, A., Redfield, S. D.

- Chase, T. R., Detroit, Mich.
 Chatfield, D. S., Syracuse, N. Y.
 Chester, A. H., New Brunswick,
 N. J.
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 Clark, J. D., Meade, Kansas.
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 Clarke, F. W., Wash., D. C.
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 Clements, J. M., Madison, Wis.
 Cleveland, W. P., Joplin, Mo.
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 Coak, M., Utica, N. Y.
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 Coleman, A. P., Toronto, Ont.
 Collier, P., Geneva, N. Y.
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 Comer, H., Phila., Pa.
 Comstock, F. M., Cleveland, O.
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 Coster, R. J., Pittsburg, Pa.
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Gilson, J. C., Oakland, Cal.
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Glaser, L. A., Swickley, Pa.
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Gold, T. S., W. Cornwall, Ct.
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Goodale, C. W., Butte, Mont.
Goodenough, H. B., New Britain, Ct.
Goodhue, F. E., Wilmot, N. H.
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Gordon, W. L., Chelmsford, Mass.
Graf, L., Van Buren, Ark.
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Graves, F. P., Doe Run, Mo.
Green, F. T., San Francisco, Cal.

- Gregory, J. J. H., Marblehead, Mass.
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 Hardman, J. E., Halifax, N. S., Can.
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 Hawkins, H. B., Middletown, N. Y.
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 Pike, C. W., Steelton, Pa.
 Place, F. S., Alfred, N. Y.
 Pleas, C. E., Clinton, Ark.
 Pleas, L. C., Clinton, Ark.
 Plimpton, F. S., San Diego, Cal.
 Pond, F. E., Westfield, Wis.
 Popenoe, E. A., Manhattan, Kan.
 Praeger, W. E., Keokuk, Ia.
 Pratt, G. B., Chicago, Ill.
 Prentice, W. J., Pittsburg, Pa.
 Prentiss, D. W., Wash., D. C.
 Prince, C. H., Danielsonville, Ct.
 Prouty, I. J., Keene, N. H.
 Provence, D. M., Ridgeway, S. C.
 Purdie, H. A., Boston, Mass.
 Purington, G. D., Columbia, Mo.
 Quaintance, A. L., Lake City, Fla.
 Quick, A. M., Brooklyn, N. Y.
 Ragsdale, G. H., Gainesville, Tex.
 Raine, W., Toronto, Ont.
 Ralph, W. L., Utica, N. Y.
 Rand, H. L., Worcester, Mass.
 Raoul, L., Quebec, Can.
 Rathbun, F. R., Auburn, N. Y.
 Raymer, C. D., Minneapolis, Minn.
 Raymond, E. H., Jr., Summit, N. J.
 Read, M. A., Cambridge, Mass.
 Reed, C. K., Worcester, Mass.
 Reiff, I., Phila., Pa.
 Rhoads, S. N., Phila., Pa.
 Rich, G. C., Sioux City, Ia.
 Rich, H. E., East Hampton, Ct.
 Richmond, C. W., Wash., D. C.
 Ricker, E. W., Jamaica Plain, Mass.
 Ridgway, R., Wash., D. C.
 Riker, C. B., Maplewood, N. J.
 Rippon, E. V., Toronto, Ont.
 Roberts, T. S., Minneapolis, Minn.
 Roberts, W. F., Wash., D. C.
 Robertson, A. U., Cincinnati, O.
 Robinette, G. W., Johnson, Va.
 Robinson, C., Williamsou, N. Y.
 Roddy, H. J., Millersville, Pa.
 Rolfe, W. J., San Bernardino, Cal.
 Rood, E. Irene, Englewood, Ill.
 Rose, D. L., Mankato, Minn.
 Rothwell, J. E., Boston, Mass.
 Rotzell, W. E., Narberth, Pa.
 Rowley, J. Jr., N. Y. City.
 Rugg, Mrs. A. J., Leominster, Mass.

- Rumsey, C. A., Stoughton, Mass.
 Rusby, G. L., Franklin, N. J.
 Russell, F. A., Bridgeport, Ct.
 Russell, L. E., Springfield, O.
 Sage, J. H., Portland, Ct.
 Samuels, E. A., W. Somerville, Mass.
 Sanderson, E. D., Lansing, Mich.
 Saunders, De Alton, Lincoln, Neb.
 Saunders, F. A., Ottawa, Ont.
 Saunders, W. E., London, Ont.
 Schaefer, E. J., Milwaukee, Wis.
 Scheller, L., Green Bay, Wis.
 Schrick, W. H., Chicago, Ill.
 Schlegel, Matilde, E. Aurora, N. Y.
 Scott, N. S., Cleveland, O.
 Scott, W. L., Ottawa, Ont.
 Semple, A. M., Poynette, Wis.
 Sharp, J. C., Jr., Taunton, Mass.
 Shearer, A. R., Wallisville, Tex.
 Shelton, C., Phila., Pa.
 Shores, E. I., Soldiers' Home, Va.
 Short, E. H., Chili, N. Y.
 Shryock, W. A., Phila., Pa.
 Singley, J. A., Giddings, Tex.
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 Smith, B. G., Cambridge, Mass.
 Smith, E. J., Natick, Mass.
 Smith, F. S., Sumner, Ct.
 Smith, P. W., Jr., St. Louis, Mo.
 Smith, R. W., Lebanon, O.
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 Smyth, E. A., Jr., Blacksburg, Va.
 Southwick, J. M., Providence, R. I.
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 Springer, C. H., Cleveland, O.
 Stanton, J. Y., Lewiston, Me.
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 Stearns, W. A., Atlanta, Ga.
 Stebbins, E. S., Minneapolis, Minn.
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 Stephenson, W., Portland, Me.
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 Swingley, J. A., Aberdeen, Md.
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 Taylor, H. K., Alameda, Cal.
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 Tothoroh, H. A., Reading, Pa.
 Tozer, R. J., Cleveland, O.
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 Ward, R. E., Chicago, Ill.
 Warren, H. M., Phila., Pa.
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 Warren, O. B., Palmer, Mich.
 Webb, W. F., Albion, N. Y.
 Webster, E. B., Cresco, Ia.
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 White, G. R., Ottawa, Ont.
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 Wilder, G. D., Oberlin, O.
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 Williams, J. B., Toronto, Ont.
 Williams, R. S., Columbia Falls, Mont.
 Williams, Mrs. V. S., Coralville, Ia.
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 Wilson, H. G., Ensenada, Mex.
 Wolford, W. L., Minneapolis, Minn.
 Wood, J. C., Detroit, Mich.
 Wright, S., Conshahocken, Pa.
 Wyman, B. V., Painesville, O.
 Zahn, O. J., Los Angeles, Cal.

OSTEOLOGY.

Adams, W. W., Union Springs, N. Y.
 Blaisdell, F. E., Mokelumne Hill, Cal.
 Butler, C. W., St. Petersburg, Fla.
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 Cope, E. D., Phila., Pa.
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 Howes, R. A., Chicago, Ill.
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 Ward, H. L., Rochester, N. Y.

PALÆONTOLOGY.

Aaron, Wm., Peru, Ill.
 Abbott, J. S., Manchester, Ia.
 Adams, W. H., Chase, Ill.
 Albers, A., Cincinnati, O.
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Alderson, V. C., Chicago, Ill.
 Aldrich, T. H., Cincinnati, O.
 Allison, H., Ft. Worth, Tex.
 Ami, H. M., Ottawa, Ont.
 Anderson, D. G., Keokuk, Ia.
 Argyle, J., Coal City, Ill.
 Ashley, G. H., Palo Alto, Calif.
 Bagg, R. M., Baltimore, Md.
 Baker, A. B., Wash., D. C.
 Baker, W. M., Fortville, Ind.
 Balliet, H. H., Des Moines, Ia.
 Barbour, E. H., Lincoln, Neb.
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 Barris, W. H., Davenport, Ia.
 Barton, G. H., Boston, Mass.
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 Bechdolt, A. F., Grand Forks, N. D.
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 Beede, J. W., Topeka, Kan.
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 Bennett, J. C., Mason, O.
 Beyer, S. W., Ames, Ia.
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 Bowers, S., Fallbrook, Calif.
 Boyle, C. B., Wash., D. C.
 Bradbury, O. N., Norway, Me.
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- Clarke, J. M., Albany, N. Y.
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 Edgar, J., Chambersburg, Pa.
 Egan, W. C., Chicago, Ill.
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 Eyerman, J., Easton, Pa.
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 Field, R. P., Phila., Pa.
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 Gerner, J. M. M., Muncy, Pa.
 Getchell, Ellen P., Newburyport, Mass.
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 Graf, L., Van Buren, Ark.
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 Hall, E. B., Wellsville, N. Y.
 Hambach, G., St. Louis, Mo.
 Hare, S. J., Kansas City, Mo.
 Harris, I. H., Waynesville, O.
 Hartzler, J. C., Newark, O.
 Hay, O. P., Chicago, Ill.
 Hayes, S., Cincinnati, O.
 Hazen, L., W. Hartford, Vt.
 Heilprin, A., Phila., Pa.
 Hermann, W. W., Boston, Mass.
 Hershey, O. H., Galena, Mo.
 Herzer, H., Columbus, O.
 Hill, R. T., Wash., D. C.
 Hodgson, C. S., Albion, Ill.
 Hollick, A., N. Y. City
 Holstein, G. W., Belvidere, N. J.
 Hornbeck, E. A., National City, Cal.
 Howell, E. A., Wash., D. C.
 Hume, I., Davenport, Ia.
 Huston, S., Steubenville, O.
 Hyatt, A., Boston, Mass.
 Jackson, C. C., Des Moines, Ia.
 Jackson, R. T., Cambridge, Mass.
 James, J. F., Wash., D. C.
 Kennedy, G. T., Windsor, N. S.
 Keyes, C. R., Jefferson, Mo.
 Kinne, F. M., Knoxville, Ia.
 Knowlton, F. H., Wash., D. C.
 Kunz, G. F., N. Y. City
 Lacoe, R. D., Pittston, Pa.
 Lambe, L. M., Ottawa, Ont.
 Lamm, O. F., Lansing, Kans.
 Lamborn, G. S., Liberty Sq., Pa.
 Lehman, W. V., Tremont, Pa.
 Lemon, J. H., New Albany, Ind.

- Lenhart, J. C., White Sulphur Springs, Mont.
 Libbey, W., Jr., Princeton, N. Y.
 Lindsley, J. G., Rondout, N. Y.
 Linn, A., Washington, Pa.
 Lufkin, A., Newton, Ia.
 MacDonald, W., N. Y. City
 MacLean, J. P., Greenville, O.
 Manning, R. P., Youngstown, O.
 Marsh, O. C., New Haven, Ct.
 Marsters, V. M., Bloomington, Ind.
 Martin, D. S., N. Y. City
 Marvin, D. S., Watertown, N. Y.
 Mason, S. G., Oregon, Ill.
 Matthew, G. F., St. John, N. B.
 McCord, D. O., Oxford, O.
 McFarlane, P. G., St. Stephens, Can.
 McGinnis, W. H., Youngstown, O.
 McKnight, C. S., Saratoga Springs, N. Y.
 McLouth, C. D., Muskegon, Mich.
 McWhorter, T., Aledo, Ill.
 Mead, F. L., Syracuse, N. Y.
 Mell, P. H., Auburn, Ala.
 Mercer, R. W., Cincinnati, O.
 Merrich, E. T., New Orleans, La.
 Meusenbach, S. O., Loyal Valley, Tex.
 Meyer, A., Cogan House, Pa.
 Mickelborough, J., Brooklyn, N. Y.
 Miller, S. A., Cincinnati, O.
 Miller, W., Grand Rapids, Mich.
 Milligan, Mrs. J. M., Jacksonville, Ill.
 Minchin, J., Fleming, N. Y.
 Mixer, F. K., Buffalo, N. Y.
 Moores, H., Columbus, O.
 Mortson, O. C., Great Falls, Mon.
 Newcomb, C. F., Victoria, B. C.
 Nickles, J. M., Sparta, Ill.
 Noyes, I. P., Wash., D. C.
 Oeh, J. G., Cincinnati, O.
 Orton, E., Columbus, O.
 Osborn, Ada M., Waterville, N. Y.
 Osborn, B. F., Ripley, Ia.
 Osborn, H. F., N. Y. City
 Perkins, G. H., Burlington, Vt.
 Phillips, H., Jr., Phila., Pa.
 Phillips, V. E., Olney, Ill.
 Post, H. D., Holland, Mich.
 Pride, H. A., Holland Patent, N. Y.
 Prosser, C. S., Schenectady, N. Y.
 Quereau, E. C., Chicago, Ill.
 Rawson, A. L., Woodcliff, N. J.
 Raymour, E. H., Omaha, Neb.
 Ricketson, F. A., So. Allen, Mich.
 Ryan, J. H., Sussex, N. B.
 Ringueberg, E., Lockport, N. Y.
 Robinette, G. W., Johnson, Va.
 Rosamond, W. B., Milnersville, O.
 Rosseter, S. E., Chadron, Neb.
 Russell, I. C., Ann Arbor, Mich.
 Rust, A. D., Waco, Tex.
 Safford, J. M., Nashville, Tenn.
 Salisbury, C. M., Providence, R. I.
 Salisbury, J. H., N. Y. City
 Sampson, F. A., Sedalia, Mo.
 Sardeson, F. W., Minneapolis, Minn.
 Sawyer, G. F., Lansingburg, N. Y.
 Saxe, J. C., Montreal, Can.
 Schneider, P. F., Syracuse, N. Y.
 Schock, O. D., Hamburg, Pa.
 Schrader, F. C., Cambridge, Mass.
 Scott, S., Custer City, S. D.
 Scott, W. B., Princeton, N. J.
 Scott, W. W., Canal Dover, O.
 Scoville, S. S., Lebanon, O.
 Seever, W. J., St. Louis, Mo.
 Shaler, N. S., Cambridge, Mass.
 Shattuck, G. B., Baltimore, Md.
 Sherwood, E. L., Houston, Miss.
 Sherwood, A., Mansfield, Pa.
 Sias, S., Schoharie, N. Y.
 Simonton, L., Lebanon, O.
 Simpson, G. B., Albany, N. Y.
 Simpson, W. A., Stockton, Tenn.
 Smith, L. P., Liberty, Ind.
 Sowter, T. W., Ottawa, Ont.
 Speir, F., Jr., So. Orange, N. J.
 Spencer, J. W., Atlanta, Ga.
 Stanton, W. A., Chicago, Ills.
 Stead, G., St. John, N. B.
 Stebbins, W. D., Springfield, Mass.
 Sternbery, C. H., Lawrence, Kans.
 Steward, J. F., Edgewater, Ill.
 St. John, O., Topeka, Kans.

Taff, J. A., Wash., D. C.
 Taylor, G. W., Manaimo, B. C.
 Theiss, O. B., Louisville, Ky.
 Tidswell, T. J., Independence, Mo.
 Todd, J. E., Vermillion, S. D.
 Tyrrell, J. B., Ottawa, Ont.
 Ulrich, E. O., Newport, Ky.
 Vogdes, A. W., San Francisco, Calif.
 Voorhees, C. H., New Brunswick, N. J.
 Wachsmuth, C., Burlington, Ia.
 Walcott, C. D., Wash., D. C.
 Walker, E. B., Toronto, Ont.
 Ward, H. A., Rochester, N. Y.
 Ward, H. L., Rochester, N. Y.
 Weller, S., New Haven, Ct.
 Wheeler, H. J., Kingston, R. I.
 Wheeler, J. B., E. Templeton, Mass.
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 Whiteaves, J. F., Ottawa, Ont.
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 Williams, H. S., New Haven, Ct.
 Williston, S. W., Lawrence, Kan.
 Wright, B. H., Penn Yan, N. Y.

PHILOLOGY.

Denny, H. G., Boston, Mass.
 Dorsey, J. O., Tacoma Park, D. C.
 Ernst, C. W., Boston, Mass.
 Farquhar, E., Wash., D. C.
 Gill, J. K., Portland, Ore.
 Hitz, J., Wash., D. C.
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 Kelso, Miss T. L., Los Angeles, Cal.
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 Riddle, M. B., Allegheny, Pa.
 Saville, M. H., N. Y. City
 Schultze, A., Bethlehem, Pa.
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 Wenn, W. J., Ottawa, Kans.
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 Williamson, A. W., Rock Island, Ill.

PHYSICS.

Acheson, E. G., Monongahela, Pa.
 Baker, A. L., Rochester, N. Y.
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 Berliner, E., Wash., D. C.
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 Blackwell, A. B., Elizabeth, N. J.
 Blake, E. W., Providence, R. I.
 Blake, L. I., Lawrence, Kans.
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 Bowers, H. L., Rome, N. Y.
 Buchanan, A. H., Lebanon, Tenn.
 Campbell, M. R., Wash. D. C.
 Cathart, H. S., Ann Arbor, Mich.
 Carpenter, L. G., Ft. Collins, Col.
 Cary, A. A., N. Y., City.
 Chapman, F. T., Wash., D. C.
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 Crawford, M. B., Middletown, Ct.
 Crew, H., Evanston, Ills.
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 Eaton, Ella E., Northampton, Mass.
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- Friedburg, L. H., Brooklyn, N. Y.
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 Hering, D. C., N. Y. City.
 Heyer, W. D., Elizabeth, N. J.
 Himes, C. F., Carlyle, Pa.
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 Holman, S. W., Boston, Mass.
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 Hoxie, G. L., Tucson, Ariz.
 Ingalls, J. M., Fortress Monroe, Va.
 Ives, J. E., Phila., Pa.
 Jacques, W. W., Boston, Mass.
 Jewell, T. F., Wash., D. C.
 Kedzie, J. H., Chicago, Ill.
 Keeler, J. E., Allegheny, Pa.
 Kimball, A. L., Amherst, Mass.
 King, F. H., Madison, Wis.
 Lacy, B. F., Phila., Pa.
 Landreth, O. H., Schenectady, N. Y.
 Langley, S. P., Wash., D. C.
 Marshall, D. H., Kingston, Ont.
 Marvin, F. O., Lawrence, Kans.
 McKay, J. S., Brooklyn, N. Y.
 McLouth, L., Brookings, N. D.
 Mees, C. L., Terre Haute, Ind.
 Mendelhall, T. C., Wash., D. C.
 Michelson, A. A., Chicago, Ill.
 Millis, J., Wash., D. C.
 Montgomery, J. H., Meadville, Pa.
 Moore, J. W., Easton, Pa.
 Moreland, S. T., Lexington, Va.
 Mott, H. A., N. Y. City.
 Myers, J. A., Morgantown, W. Va.
 Naylor, J. P., Greencastle, Ind.
 Neff, P. Jr., Cleveland, O.
 Nichols, E. R., Manhattan, Kans.
 Nichols, E. W., Ithaca, N. Y.
 Nipher, F. E., St. Louis, Mo.
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 Owens, W. G., Lewisburg, Pa.
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 Peckham, W. C., Brooklyn, N. Y.
 Porter, A. B., Baltimore, Md.
 Prentiss, C. F., N. Y. City.
 Rignel, G. T., Lockport, N. Y.
 Robinson, A., Lewiston, Me.
 Rogers, W. A., Waterville, Me.
 Rood, O. N., New York City.
 Rosa, E. B., Middletown, Ct.
 Rosenbaum, W. A., N. Y. City.
 Rowland, H. A., Baltimore, Md.
 Shallenberger, O. B., Rochester, Pa.
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 Snook, T. E., N. Y. City.
 Speer, B., Pittsburg, Pa.
 Sperry, C., St. Augustine, Fla.
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 Stuart, F. H., Brooklyn, N. Y.
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 Winlock, W. C., Wash., D. C.

PROTOZOA.

- James, W. M., Phila., Pa.
 Johnson, H. P., Everett, Mass.
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RADIATES.

- Allen, F. H., Norwich, Ct.

SPONGES.

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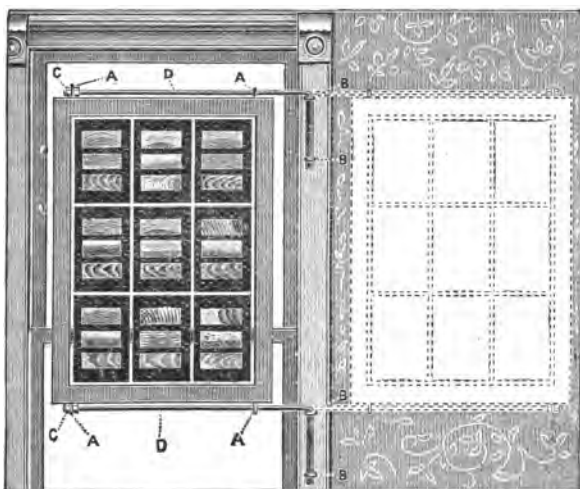
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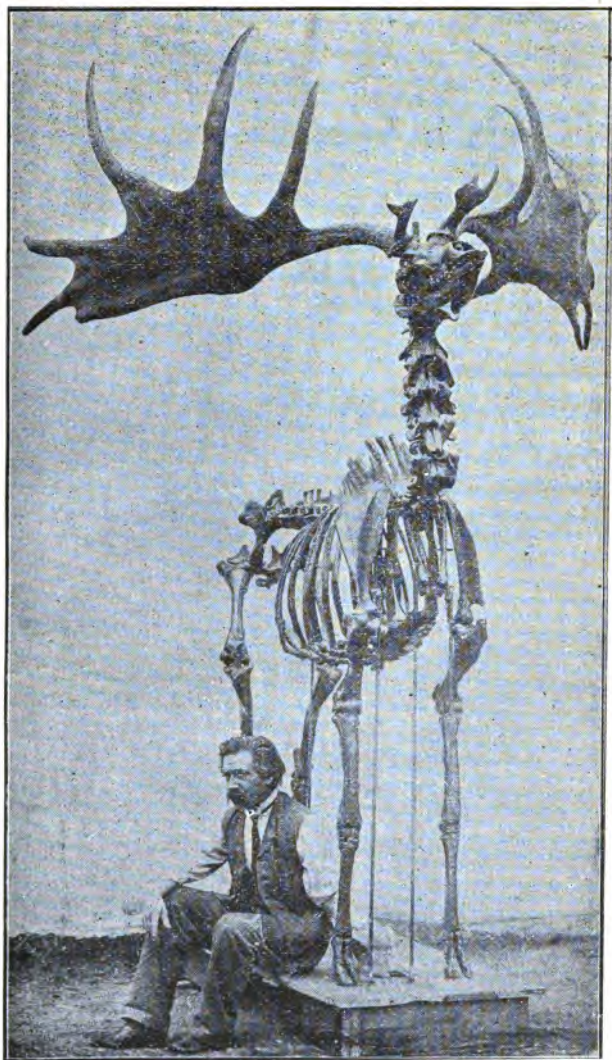
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